



1
00:00:02,235 --> 00:00:03,036
>> LETTERS FROM BELGIAN

2
00:00:03,036 --> 00:00:04,604
CHILDREN TO THE UNITED STATES

3
00:00:04,604 --> 00:00:06,773
DURING WORLD WAR I.

4
00:00:06,773 --> 00:00:08,007
>> LIÈGE, BELGIUM.

5
00:00:08,007 --> 00:00:10,543
27th MAY, 1915.

6
00:00:10,543 --> 00:00:11,878
GENEROUS BENEFACTORS,

7
00:00:11,878 --> 00:00:13,213
IT IS WITH GREAT PLEASURE

8
00:00:13,213 --> 00:00:14,681
THAT I WRITE TO YOU

9
00:00:14,681 --> 00:00:16,850
ON BEHALF OF MY FELLOW PUPILS

10
00:00:16,850 --> 00:00:18,885
TO EXPRESS OUR FEELINGS

11
00:00:18,885 --> 00:00:20,687
OF RESPECTFUL GRATITUDE.

12
00:00:20,687 --> 00:00:21,321
>> AT THE OUTSET

13
00:00:21,321 --> 00:00:22,455

OF THIS FRIGHTFUL CALAMITY

14

00:00:22,455 --> 00:00:23,757

THAT IS STRIKING US,

15

00:00:23,757 --> 00:00:24,824

WE COULD ONLY LOOK AHEAD WITH

16

00:00:24,824 --> 00:00:26,025

TERROR TO THE CONSEQUENCES

17

00:00:26,025 --> 00:00:28,094

OF THIS NEW GERMAN INVASION.

18

00:00:28,094 --> 00:00:28,695

THE THREAT...

19

00:00:28,695 --> 00:00:29,529

>> "OF STARVATION WAS

20

00:00:29,529 --> 00:00:32,332

"A PARTICULARLY LARGE CONCERN."

21

00:00:32,332 --> 00:00:33,066

>> HEY, BETH.

22

00:00:33,066 --> 00:00:33,700

WHY ARE YOU HANGING OUT

23

00:00:33,700 --> 00:00:34,401

WITH MY FAVORITE

24

00:00:34,401 --> 00:00:35,502

WORLD WAR I AIRPLANE?

25

00:00:35,502 --> 00:00:36,636

THE TECHNOLOGY BEHIND

26

00:00:36,636 --> 00:00:38,204

THESE PLANES WAS INCREDIBLE.

27

00:00:38,204 --> 00:00:38,905

THEY WERE MADE OUT OF

28

00:00:38,905 --> 00:00:40,073

FABRIC AND WOOD!

29

00:00:40,073 --> 00:00:40,807

>> YOU KNOW, MARTY,

30

00:00:40,807 --> 00:00:42,308

THE GREAT WAR WASN'T JUST ABOUT

31

00:00:42,308 --> 00:00:43,309

BOMBS AND BULLETS.

32

00:00:43,309 --> 00:00:44,110

THERE WAS A HUMAN

33

00:00:44,110 --> 00:00:45,178

ELEMENT, TOO.

34

00:00:45,178 --> 00:00:46,613

IN FACT, I'M READING

35

00:00:46,613 --> 00:00:47,347

THANK YOU LETTERS

36

00:00:47,347 --> 00:00:48,548

TO THE UNITED STATES FROM

37

00:00:48,548 --> 00:00:50,417

SCHOOLCHILDREN IN BELGIUM.

38

00:00:50,417 --> 00:00:51,017

>> WHY WERE THEY WRITING

39

00:00:51,017 --> 00:00:52,152

THANK YOU LETTERS?

40

00:00:52,152 --> 00:00:52,852

>> WELL, THAT'S ALL

41

00:00:52,852 --> 00:00:54,454

PART OF THE HUMAN STORY.

42

00:00:54,454 --> 00:00:55,121

>> OH, I'D LOVE TO HEAR

43

00:00:55,121 --> 00:00:55,722

MORE ABOUT THIS.

44

00:00:55,722 --> 00:00:56,589

DO YOU HAVE SOME TIME?

45

00:00:56,589 --> 00:00:58,158

>> WE'VE GOT ABOUT 30 MINUTES.

46

00:00:58,158 --> 00:01:00,794

>> both: THIS IS STEM IN 30.

47

00:01:00,794 --> 00:01:10,003

■■

48

00:01:22,782 --> 00:01:25,051

>> all: THIS IS STEM IN 30.

49

00:01:25,051 --> 00:01:32,592

■■

50

00:01:42,068 --> 00:01:42,936

>> HI, I'M BETH.

51
00:01:42,936 --> 00:01:43,736
>> AND I'M MARTY, AND TODAY

52
00:01:43,736 --> 00:01:44,871
WE'RE COMING TO YOU LIVE

53
00:01:44,871 --> 00:01:46,539
FROM A VERY SPECIAL LOCATION.

54
00:01:46,539 --> 00:01:47,507
WE ARE AT THE RESIDENCE

55
00:01:47,507 --> 00:01:49,042
OF THE BELGIAN AMBASSADOR

56
00:01:49,042 --> 00:01:50,510
IN WASHINGTON, D.C.

57
00:01:50,510 --> 00:01:51,344
>> AND WE ARE JOINED BY

58
00:01:51,344 --> 00:01:52,645
MRS. WOUTERS, WHO'S THE WIFE

59
00:01:52,645 --> 00:01:54,013
OF THE BELGIAN AMBASSADOR.

60
00:01:54,013 --> 00:01:54,948
THANK YOU SO MUCH FOR

61
00:01:54,948 --> 00:01:56,449
HOSTING US IN YOUR HOME TODAY.

62
00:01:56,449 --> 00:01:57,584
>> YOU'RE MOST WELCOME.

63
00:01:57,584 --> 00:01:58,184

>> WOULD YOU TELL US

64

00:01:58,184 --> 00:01:59,652

A LITTLE BIT ABOUT THIS HOUSE?

65

00:01:59,652 --> 00:02:00,620

IT'S BEAUTIFUL.

66

00:02:00,620 --> 00:02:01,688

>> YES, I THINK IT IS

67

00:02:01,688 --> 00:02:03,490

ONE OF THE MOST BEAUTIFUL

68

00:02:03,490 --> 00:02:04,591

DIPLOMATIC MANSIONS

69

00:02:04,591 --> 00:02:06,626

IN WASHINGTON, D.C.

70

00:02:06,626 --> 00:02:07,894

THE HOUSE WAS BUILT

71

00:02:07,894 --> 00:02:09,729

IN 1930.

72

00:02:09,729 --> 00:02:11,064

IT IS, OUTSIDE,

73

00:02:11,064 --> 00:02:12,465

A PERFECT IMITATION OF

74

00:02:12,465 --> 00:02:14,734

AN 18th CENTURY MANSION.

75

00:02:14,734 --> 00:02:16,936

IT IS THEREFORE A WONDERFUL

76

00:02:16,936 --> 00:02:18,605

EXAMPLE OF WHAT IS CALLED

77

00:02:18,605 --> 00:02:21,307

CLASSICAL REVIVAL ARCHITECTURE.

78

00:02:21,307 --> 00:02:23,343

INSIDE IT IS DECORATED WITH

79

00:02:23,343 --> 00:02:25,979

18th CENTURY STYLE ORNAMENTS,

80

00:02:25,979 --> 00:02:28,381

AS WELL, BUT ALSO WITH

81

00:02:28,381 --> 00:02:31,417

PAINTINGS BY BELGIAN ARTISTS.

82

00:02:31,417 --> 00:02:32,252

BELGIUM HAS HAD

83

00:02:32,252 --> 00:02:33,453

DIPLOMATIC RELATIONS

84

00:02:33,453 --> 00:02:34,721

WITH THE UNITED STATES

85

00:02:34,721 --> 00:02:37,156

FOR ALMOST 200 YEARS.

86

00:02:37,156 --> 00:02:41,160

AND IN 1946, AFTER WE FOUGHT

87

00:02:41,160 --> 00:02:43,596

TWO WORLD WARS TOGETHER,

88

00:02:43,596 --> 00:02:44,597

THE BELGIAN GOVERNMENT

89

00:02:44,597 --> 00:02:45,932

PURCHASED THIS HOUSE

90

00:02:45,932 --> 00:02:47,166

AS A SYMBOL OF

91

00:02:47,166 --> 00:02:49,402

OUR FRIENDSHIP, AND AS A TOOL

92

00:02:49,402 --> 00:02:50,670

TO DEVELOP EVEN MORE

93

00:02:50,670 --> 00:02:53,139

THIS GREAT PARTNERSHIP.

94

00:02:53,139 --> 00:02:54,173

AS A CONSEQUENCE,

95

00:02:54,173 --> 00:02:55,675

MANY IMPORTANT PEOPLE

96

00:02:55,675 --> 00:02:57,877

HAVE BEEN HOSTED HERE: A KING

97

00:02:57,877 --> 00:02:59,345

AND QUEEN OF BELGIUM,

98

00:02:59,345 --> 00:03:01,114

OUR PRIME MINISTERS,

99

00:03:01,114 --> 00:03:04,050

HIGH RANKING U.S. OFFICIALS,

100

00:03:04,050 --> 00:03:06,586

SUPREME COURT JUSTICES--

101
00:03:06,586 --> 00:03:08,421
YOU NAME IT-- A LOT OF

102
00:03:08,421 --> 00:03:10,590
VERY IMPORTANT PEOPLE.

103
00:03:10,590 --> 00:03:12,025
AND LIKE TODAY, WE HAVE

104
00:03:12,025 --> 00:03:13,593
THOSE WONDERFUL CHILDREN

105
00:03:13,593 --> 00:03:15,929
OF THE JANNEY ELEMENTARY

106
00:03:15,929 --> 00:03:17,330
SCHOOL OF WASHINGTON

107
00:03:17,330 --> 00:03:19,232
AS OUR SPECIAL GUESTS.

108
00:03:19,232 --> 00:03:19,933
>> NOW, THERE'S ALSO

109
00:03:19,933 --> 00:03:20,833
A FURRY RESIDENT

110
00:03:20,833 --> 00:03:22,101
THAT LIVES HERE, RIGHT?

111
00:03:22,101 --> 00:03:22,869
>> OH, YES.

112
00:03:22,869 --> 00:03:23,670
WE HAVE A DOG,

113
00:03:23,670 --> 00:03:25,972

AND HIS NAME IS CHILI.

114

00:03:25,972 --> 00:03:27,907

HE IS AN AUSTRALIAN SHEPHERD.

115

00:03:27,907 --> 00:03:29,475

HE'S SIX YEARS OLD.

116

00:03:29,475 --> 00:03:31,110

CHILI BELONGS TO A MEMBER

117

00:03:31,110 --> 00:03:33,479

OF OUR STAFF, AND HE LOVES

118

00:03:33,479 --> 00:03:35,448

TO KEEP AND PROTECT THIS HOUSE,

119

00:03:35,448 --> 00:03:38,184

AND HE'S PERFECTLY HAPPY HERE.

120

00:03:38,184 --> 00:03:39,385

>> AND AS YOU SAID, WE ARE

121

00:03:39,385 --> 00:03:41,421

JOINED BY JANNEY ELEMENTARY

122

00:03:41,421 --> 00:03:42,288

SCHOOL TODAY.

123

00:03:42,288 --> 00:03:43,089

THANK YOU SO MUCH

124

00:03:43,089 --> 00:03:44,991

FOR BEING HERE WITH US.

125

00:03:44,991 --> 00:03:46,593

THIS SCHOOL IS PART OF

126
00:03:46,593 --> 00:03:49,195
THE EMBASSY ADOPTION PROGRAM.

127
00:03:49,195 --> 00:03:50,029
>> I WANT TO REMIND EVERYBODY

128
00:03:50,029 --> 00:03:51,431
WATCHING ONLINE THAT YOU CAN

129
00:03:51,431 --> 00:03:53,066
SUBMIT QUESTIONS RIGHT NOW!

130
00:03:53,066 --> 00:03:54,500
WE HAVE AN EXPERT STANDING BY

131
00:03:54,500 --> 00:03:55,568
READY TO ANSWER THOSE,

132
00:03:55,568 --> 00:03:56,469
AND SOME OF THEM

133
00:03:56,469 --> 00:03:57,937
WE'LL ACTUALLY USE ON THE SHOW.

134
00:03:57,937 --> 00:03:59,272
YOU CAN SUBMIT THOSE QUESTIONS

135
00:03:59,272 --> 00:04:00,473
IN A VARIETY OF DIFFERENT

136
00:04:00,473 --> 00:04:02,342
WAYS, INCLUDING ON OUR WEBSITE,

137
00:04:02,342 --> 00:04:03,409
THROUGH FACEBOOK,

138
00:04:03,409 --> 00:04:04,577

THROUGH TWITTER, OR EVEN

139

00:04:04,577 --> 00:04:06,613

OLD-FASHIONED EMAIL.

140

00:04:06,613 --> 00:04:08,047

>> NOW, WE KNOW THAT THE ARTS

141

00:04:08,047 --> 00:04:08,982

ARE JUST AS IMPORTANT

142

00:04:08,982 --> 00:04:11,050

AS SCIENCE, TECHNOLOGY,

143

00:04:11,050 --> 00:04:12,285

ENGINEERING, AND MATH

144

00:04:12,285 --> 00:04:13,419

WHEN WE'RE TALKING ABOUT

145

00:04:13,419 --> 00:04:15,021

EDUCATION, BUT TODAY,

146

00:04:15,021 --> 00:04:17,457

WE ARE GOING TO FOCUS MORE SO

147

00:04:17,457 --> 00:04:19,459

ON ARTWORK FOR OUR LAST PROGRAM

148

00:04:19,459 --> 00:04:21,227

OF THE SCHOOL SEASON.

149

00:04:21,227 --> 00:04:21,961

>> WE'RE GOING TO TAKE

150

00:04:21,961 --> 00:04:23,229

A DEEP DIVE INTO THE HUMAN

151
00:04:23,229 --> 00:04:25,164
CONSEQUENCES OF WORLD WAR I.

152
00:04:25,164 --> 00:04:25,965
WE'RE GOING TO START TODAY

153
00:04:25,965 --> 00:04:26,866
WITH MY TRIP BACK TO

154
00:04:26,866 --> 00:04:27,867
KANSAS CITY, MISSOURI--

155
00:04:27,867 --> 00:04:29,268
MY HOMETOWN-- AND THE NATIONAL

156
00:04:29,268 --> 00:04:30,503
WORLD WAR I MUSEUM

157
00:04:30,503 --> 00:04:31,404
AND MEMORIAL.

158
00:04:31,404 --> 00:04:32,238
WE'RE GOING TO HEAR ABOUT

159
00:04:32,238 --> 00:04:33,740
A SOLDIER THAT SERVED IN BOTH

160
00:04:33,740 --> 00:04:35,174
THE GERMAN AND THE AMERICAN

161
00:04:35,174 --> 00:04:37,677
ARMIES DURING THE GREAT WAR.

162
00:04:37,677 --> 00:04:38,378
WE'VE MOVED IN FRONT OF

163
00:04:38,378 --> 00:04:39,112

A COUPLE OF UNIFORMS

164

00:04:39,112 --> 00:04:40,647

THAT HAVE A REALLY COOL STORY.

165

00:04:40,647 --> 00:04:41,781

CAN YOU TELL US ABOUT THEM?

166

00:04:41,781 --> 00:04:43,049

>> YOU KNOW, ONE OF THE THINGS

167

00:04:43,049 --> 00:04:44,217

WHEN YOU GO TO ANY MUSEUM--

168

00:04:44,217 --> 00:04:44,951

WHEN YOU START

169

00:04:44,951 --> 00:04:46,586

LOOKING AT THE THINGS,

170

00:04:46,586 --> 00:04:48,421

THE THINGS ARE A STORY.

171

00:04:48,421 --> 00:04:49,689

SOMEBODY TOUCHED IT,

172

00:04:49,689 --> 00:04:51,457

SOMEBODY-- WELL, IN THIS CASE,

173

00:04:51,457 --> 00:04:52,792

LIVED IN THESE UNIFORMS,

174

00:04:52,792 --> 00:04:54,227

AND IT WAS IN FACT THE EXACT

175

00:04:54,227 --> 00:04:56,963

SAME FELLOW, WHO WAS BORN

176
00:04:56,963 --> 00:04:59,499
IN DENMARK AND WAS DRAFTED

177
00:04:59,499 --> 00:05:00,566
INTO THE GERMAN ARMY.

178
00:05:00,566 --> 00:05:02,969
WHEN HIS OLDER BROTHER DIED,

179
00:05:02,969 --> 00:05:05,271
HE DECIDED TO LEAVE DENMARK,

180
00:05:05,271 --> 00:05:06,172
MANAGED TO MAKE HIS WAY

181
00:05:06,172 --> 00:05:07,840
TO THE UNITED STATES,

182
00:05:07,840 --> 00:05:09,342
WAS THEN DRAFTED INTO

183
00:05:09,342 --> 00:05:11,744
THE U.S. ARMY, SO HE SERVED

184
00:05:11,744 --> 00:05:14,547
FOR 18 MONTHS OVERSEAS

185
00:05:14,547 --> 00:05:16,816
FIGHTING FOR THE U.S. MILITARY.

186
00:05:16,816 --> 00:05:19,018
ALL THROUGHOUT THIS WAR,

187
00:05:19,018 --> 00:05:19,986
THERE ARE THESE AMAZING

188
00:05:19,986 --> 00:05:21,921

INDIVIDUAL STORIES THAT ARE

189

00:05:21,921 --> 00:05:25,458

COMPLEX, AND TALK OF HEROISM,

190

00:05:25,458 --> 00:05:26,859

AND SOMETIMES REALLY MUNDANE

191

00:05:26,859 --> 00:05:28,861

THINGS, BUT IT'S SO WORTH

192

00:05:28,861 --> 00:05:30,296

THE WHILE TO SLOW DOWN

193

00:05:30,296 --> 00:05:32,932

AND JUST FIND OUT A BIT MORE.

194

00:05:32,932 --> 00:05:34,701

>> SO THIS ONE GUY WORE

195

00:05:34,701 --> 00:05:36,169

BOTH OF THESE UNIFORMS--

196

00:05:36,169 --> 00:05:37,303

FIRST FOR THE GERMAN ARMY,

197

00:05:37,303 --> 00:05:39,238

AND THEN FOR THE UNITED STATES?

198

00:05:39,238 --> 00:05:42,175

>> HE SURE DID.

199

00:05:42,175 --> 00:05:43,643

>> WE'VE MOVED TO THE LIBRARY,

200

00:05:43,643 --> 00:05:44,844

WHERE WE ARE NOW JOINED BY

201
00:05:44,844 --> 00:05:47,213
BELGIAN AMBASSADOR WOUTERS.

202
00:05:47,213 --> 00:05:48,081
AMBASSADOR, THANK YOU

203
00:05:48,081 --> 00:05:48,781
SO MUCH FOR HAVING US

204
00:05:48,781 --> 00:05:50,083
IN YOUR HOME TODAY.

205
00:05:50,083 --> 00:05:51,317
>> YOU'RE MOST WELCOME.

206
00:05:51,317 --> 00:05:52,051
>> DO YOU WANT TO TELL US

207
00:05:52,051 --> 00:05:53,086
A LITTLE BIT ABOUT

208
00:05:53,086 --> 00:05:54,654
WHAT WAS HAPPENING IN BELGIUM

209
00:05:54,654 --> 00:05:56,923
DURING THE FIRST WORLD WAR?

210
00:05:56,923 --> 00:05:57,724
>> YES.

211
00:05:57,724 --> 00:05:58,991
THE FIRST WORLD WAR,

212
00:05:58,991 --> 00:06:00,126
OR THE GREAT WAR, AS IT'S

213
00:06:00,126 --> 00:06:02,795

OFTEN CALLED, FOR BELGIUM WAS

214

00:06:02,795 --> 00:06:04,897

A SPECIAL EXPERIENCE, BECAUSE

215

00:06:04,897 --> 00:06:06,966

WHAT HAPPENED IN AUGUST 1914

216

00:06:06,966 --> 00:06:08,935

WAS THAT THE GERMAN TROOPS

217

00:06:08,935 --> 00:06:10,703

MARCHED INTO BELGIUM

218

00:06:10,703 --> 00:06:12,071

AND EXPECTED THAT BELGIUM

219

00:06:12,071 --> 00:06:13,673

WOULD NOT RESIST, WOULD NOT

220

00:06:13,673 --> 00:06:15,641

FIGHT BACK.

221

00:06:15,641 --> 00:06:17,243

WE HAD THE MISFORTUNE OF BEING

222

00:06:17,243 --> 00:06:19,011

ON THE ROUTE OF GERMANY

223

00:06:19,011 --> 00:06:21,447

IN THE DIRECTION OF FRANCE,

224

00:06:21,447 --> 00:06:22,882

THE IDEA BEING-- THE GERMAN

225

00:06:22,882 --> 00:06:24,784

IDEA BEING THAT THEY WOULD

226
00:06:24,784 --> 00:06:26,652
CONQUER FRANCE FAIRLY FAST.

227
00:06:26,652 --> 00:06:28,054
BUT THE BELGIAN GOVERNMENT

228
00:06:28,054 --> 00:06:29,489
DECIDED TO RESIST.

229
00:06:29,489 --> 00:06:30,590
THE RESULT IS THAT WE HAD

230
00:06:30,590 --> 00:06:31,924
A WAR FOR FOUR YEARS,

231
00:06:31,924 --> 00:06:34,227
UNTIL 1918, WHEN IT ENDED

232
00:06:34,227 --> 00:06:35,862
IN NOVEMBER.

233
00:06:35,862 --> 00:06:37,230
AND WE WERE OCCUPIED,

234
00:06:37,230 --> 00:06:38,598
SO IT WAS REALLY

235
00:06:38,598 --> 00:06:40,399
A VERY BLOODY WAR.

236
00:06:40,399 --> 00:06:42,602
AND EVENTUALLY, THANKS TO

237
00:06:42,602 --> 00:06:45,238
THE PARTICIPATION IN THE WAR

238
00:06:45,238 --> 00:06:47,073

OF VERY IMPORTANT ALLIES,

239

00:06:47,073 --> 00:06:48,574

LIKE THE UNITED STATES,

240

00:06:48,574 --> 00:06:50,009

LIKE THE UNITED KINGDOM,

241

00:06:50,009 --> 00:06:51,978

CANADA, AND MANY OTHERS,

242

00:06:51,978 --> 00:06:53,579

WE WERE LIBERATED.

243

00:06:53,579 --> 00:06:54,747

AND SO THAT WAS THE END

244

00:06:54,747 --> 00:06:55,581

OF THE OCCUPATION

245

00:06:55,581 --> 00:06:56,682

BY THE GERMAN ARMY

246

00:06:56,682 --> 00:06:58,417

OF THE TERRITORY OF BELGIUM.

247

00:06:58,417 --> 00:06:59,852

>> YEAH, THE UNITED STATES

248

00:06:59,852 --> 00:07:01,487

AND BELGIUM HAD A SPECIAL

249

00:07:01,487 --> 00:07:02,688

RELATIONSHIP THAT INVOLVED

250

00:07:02,688 --> 00:07:04,624

LACE MAKING DURING THE WAR.

251

00:07:04,624 --> 00:07:05,258

DO YOU WANT TO TELL US

252

00:07:05,258 --> 00:07:06,859

A LITTLE BIT ABOUT THAT?

253

00:07:06,859 --> 00:07:08,161

>> THE LACE MAKING INDUSTRY

254

00:07:08,161 --> 00:07:09,929

IN BELGIUM WAS ALREADY

255

00:07:09,929 --> 00:07:12,098

RELAUNCHED BY THE VERY POPULAR

256

00:07:12,098 --> 00:07:13,366

QUEEN ELIZABETH BEFORE

257

00:07:13,366 --> 00:07:15,234

THE FIRST WORLD WAR.

258

00:07:15,234 --> 00:07:16,202

AND THEN, OF COURSE,

259

00:07:16,202 --> 00:07:18,171

THIS ACTIVITY, THIS CRAFT

260

00:07:18,171 --> 00:07:20,506

BECAME MORE INTENSE DURING

261

00:07:20,506 --> 00:07:22,041

THE WAR BECAUSE IT WAS

262

00:07:22,041 --> 00:07:24,610

NOT ONLY A MEANS OF SURVIVAL--

263

00:07:24,610 --> 00:07:28,014

AND UP TO 60,000 FAMILIES WERE

264

00:07:28,014 --> 00:07:29,916

DEPENDENT ON THE PRODUCTION

265

00:07:29,916 --> 00:07:31,684

OF LACE, WHICH EVENTUALLY

266

00:07:31,684 --> 00:07:33,486

THEY SOLD TO THE AMERICAN

267

00:07:33,486 --> 00:07:37,223

FAMILIES AND INDIVIDUAL PERSONS,

268

00:07:37,223 --> 00:07:38,191

AND THAT'S WHY SO MANY LACE

269

00:07:38,191 --> 00:07:40,359

ENDED UP IN THE UNITED STATES.

270

00:07:40,359 --> 00:07:42,128

BUT IT WAS NOT JUST SURVIVAL

271

00:07:42,128 --> 00:07:44,030

FOR THEM, AND INCOME.

272

00:07:44,030 --> 00:07:47,066

IT WAS ALSO A WAY TO EXPRESS

273

00:07:47,066 --> 00:07:50,369

RESISTANCE TO THE GERMAN ARMY,

274

00:07:50,369 --> 00:07:51,270

WHO WAS OCCUPYING

275

00:07:51,270 --> 00:07:53,172

THE BELGIAN TERRITORY.

276

00:07:53,172 --> 00:07:54,040

>> THANK YOU SO MUCH,

277

00:07:54,040 --> 00:07:55,741

AMBASSADOR, FOR JOINING US.

278

00:07:55,741 --> 00:07:57,543

RECENTLY, WE HAD A WORKSHOP

279

00:07:57,543 --> 00:07:58,544

WHERE WE MADE POPPIES

280

00:07:58,544 --> 00:07:59,912

FROM LACE.

281

00:07:59,912 --> 00:08:01,013

NOW, POPPIES ARE A SYMBOL

282

00:08:01,013 --> 00:08:02,248

OF WORLD WAR I.

283

00:08:02,248 --> 00:08:03,049

LET'S SEE HOW

284

00:08:03,049 --> 00:08:04,550

THAT WORKSHOP WENT.

285

00:08:04,550 --> 00:08:07,286

■■

286

00:08:07,286 --> 00:08:08,487

>> WE'RE AT THE BELGIAN EMBASSY,

287

00:08:08,487 --> 00:08:09,522

JOINED BY THE CHESAPEAKE

288

00:08:09,522 --> 00:08:10,623

REGION LACE GUILD

289

00:08:10,623 --> 00:08:12,158
AND JANNEY ELEMENTARY SCHOOL.

290

00:08:12,158 --> 00:08:12,758
THANK YOU GUYS FOR

291

00:08:12,758 --> 00:08:13,860
JOINING US TODAY.

292

00:08:13,860 --> 00:08:15,394
>> all: YOU'RE WELCOME.

293

00:08:15,394 --> 00:08:16,128
>> WE'VE ALSO GOT

294

00:08:16,128 --> 00:08:17,096
KAREN THOMPSON, A VOLUNTEER

295

00:08:17,096 --> 00:08:17,964
AT THE NATIONAL MUSEUM

296

00:08:17,964 --> 00:08:18,865
OF AMERICAN HISTORY.

297

00:08:18,865 --> 00:08:19,498
KAREN, THANKS FOR

298

00:08:19,498 --> 00:08:20,399
TALKING WITH US.

299

00:08:20,399 --> 00:08:21,467
>> MY GREAT PLEASURE.

300

00:08:21,467 --> 00:08:22,034
>> WE'RE GOING TO BE MAKING

301
00:08:22,034 --> 00:08:22,635
SOME LACE.

302
00:08:22,635 --> 00:08:23,202
WHAT ARE THEY

303
00:08:23,202 --> 00:08:24,070
GOING TO BE DOING?

304
00:08:24,070 --> 00:08:25,004
>> TODAY WE ARE MAKING

305
00:08:25,004 --> 00:08:27,940
A POPPY, WHICH IS A SYMBOL

306
00:08:27,940 --> 00:08:30,576
FOR THE FALLEN IN WORLD WAR I.

307
00:08:30,576 --> 00:08:33,279
AND WE ARE TAKING

308
00:08:33,279 --> 00:08:35,414
TEN BOBBINS-- THESE LITTLE

309
00:08:35,414 --> 00:08:38,417
STICKS-- SOME THREAD,

310
00:08:38,417 --> 00:08:41,754
AND THE PATTERN, AND WEAVING

311
00:08:41,754 --> 00:08:43,589
THE THREADS TOGETHER TO MAKE

312
00:08:43,589 --> 00:08:44,891
A POPPY.

313
00:08:44,891 --> 00:08:45,758

>> KAREN, I DON'T THINK

314

00:08:45,758 --> 00:08:46,525
I'M COORDINATED ENOUGH

315

00:08:46,525 --> 00:08:47,693
TO DO THIS.

316

00:08:47,693 --> 00:08:48,928
>> WELL, I THINK YOU ARE.

317

00:08:48,928 --> 00:08:50,229
CAN YOU COUNT TO FOUR?

318

00:08:50,229 --> 00:08:51,030
>> UH, YEAH.

319

00:08:51,030 --> 00:08:51,831
>> OKAY.

320

00:08:51,831 --> 00:08:53,266
DO YOU KNOW RIGHT FROM LEFT?

321

00:08:53,266 --> 00:08:54,200
>> USUALLY.

322

00:08:54,200 --> 00:08:55,101
>> OKAY, WELL THAT WAY

323

00:08:55,101 --> 00:08:56,168
AND THAT WAY.

324

00:08:56,168 --> 00:08:58,104
OKAY, THEN YOU CAN MAKE LACE.

325

00:08:58,104 --> 00:08:58,871
>> WOW.

326

00:08:58,871 --> 00:09:00,006

WELL, IF I CAN MAKE LACE,

327

00:09:00,006 --> 00:09:01,707

YOU GUYS CAN MAKE LACE.

328

00:09:01,707 --> 00:09:07,580

■■

329

00:09:07,580 --> 00:09:08,814

>> SO IT'S TWO AND FOUR

330

00:09:08,814 --> 00:09:10,182

THAT GO LEFT.

331

00:09:10,182 --> 00:09:10,816

>> WHAT'S YOUR FAVORITE PART

332

00:09:10,816 --> 00:09:12,251

ABOUT IT?

333

00:09:12,251 --> 00:09:13,319

>> JUST THE PART WHERE

334

00:09:13,319 --> 00:09:16,389

IT'S MORE LIKE-- IT'S LIKE--

335

00:09:16,389 --> 00:09:17,757

IT'S NOT LIKE THE THINGS

336

00:09:17,757 --> 00:09:20,793

I USUALLY DO WHERE I'M LIKE

337

00:09:20,793 --> 00:09:22,361

USING ALL MY BODY ENERGY.

338

00:09:22,361 --> 00:09:23,596

THIS IS LIKE-- IT'S USING

339

00:09:23,596 --> 00:09:25,731
LIKE MY BRAIN MORE THAN

340

00:09:25,731 --> 00:09:28,768
MY BODY ENERGY.

341

00:09:28,768 --> 00:09:30,169

■■■

342

00:09:30,169 --> 00:09:31,470
>> OH, LOOK AT THAT.

343

00:09:31,470 --> 00:09:32,805
SEE, IT'S PULLING UP.

344

00:09:32,805 --> 00:09:33,539
>> WHAT DO YOU THINK ABOUT

345

00:09:33,539 --> 00:09:34,340
LACE MAKING?

346

00:09:34,340 --> 00:09:36,042
>> IT'S REALLY FUN.

347

00:09:36,042 --> 00:09:37,076
IT'S NOT BORING, BUT

348

00:09:37,076 --> 00:09:38,744
AT THE SAME TIME,

349

00:09:38,744 --> 00:09:40,780
IT'S KIND OF CALM.

350

00:09:40,780 --> 00:09:41,447
>> I THOUGHT IT WAS

351

00:09:41,447 --> 00:09:42,214

A LOT OF FUN.

352

00:09:42,214 --> 00:09:43,382

AT FIRST IT WAS A LITTLE BIT

353

00:09:43,382 --> 00:09:45,651

HARD, BUT THEN ONCE YOU GOT

354

00:09:45,651 --> 00:09:46,752

THE ROUTINE, IT WAS

355

00:09:46,752 --> 00:09:47,753

A LITTLE BIT EASIER,

356

00:09:47,753 --> 00:09:49,855

AND I REALLY ENJOYED IT.

357

00:09:49,855 --> 00:09:50,756

>> WELL, I'VE GOT TO TELL YOU,

358

00:09:50,756 --> 00:09:51,857

I'M SUPER PROUD OF THIS ONE.

359

00:09:51,857 --> 00:09:53,092

I DIDN'T MAKE IT, BECAUSE

360

00:09:53,092 --> 00:09:54,560

I DON'T POSSESS THAT ABILITY,

361

00:09:54,560 --> 00:09:55,728

BUT I'M GOING TO TAKE IT HOME

362

00:09:55,728 --> 00:09:56,562

AND GIVE IT TO MY MOM.

363

00:09:56,562 --> 00:09:57,263

YOU GUYS DID

364

00:09:57,263 --> 00:09:58,164

A GREAT JOB TODAY.

365

00:09:58,164 --> 00:09:59,432

NICE WORK.

366

00:09:59,432 --> 00:10:00,700

>> all: THANK YOU.

367

00:10:00,700 --> 00:10:03,803

[APPLAUSE]

368

00:10:03,803 --> 00:10:04,437

>> MOM, IF YOU GOT

369

00:10:04,437 --> 00:10:05,204

THE LETTER I SENT, GO AHEAD

370

00:10:05,204 --> 00:10:06,272

AND OPEN IT NOW.

371

00:10:06,272 --> 00:10:07,173

WE ARE JOINED BY

372

00:10:07,173 --> 00:10:08,307

DR. PETER JAKAB, CHIEF

373

00:10:08,307 --> 00:10:09,208

CURATOR AT THE NATIONAL

374

00:10:09,208 --> 00:10:10,409

AIR AND SPACE MUSEUM.

375

00:10:10,409 --> 00:10:11,377

PETER, WE'VE GOT A GREAT

376

00:10:11,377 --> 00:10:12,511

ART GALLERY THAT JUST OPENED

377

00:10:12,511 --> 00:10:13,946

THAT REALLY LOOKS AT THE HUMAN

378

00:10:13,946 --> 00:10:15,348

IMPACT OF WORLD WAR I.

379

00:10:15,348 --> 00:10:16,649

CAN YOU TELL US ABOUT IT?

380

00:10:16,649 --> 00:10:17,450

>> YES, IT'S CALLED

381

00:10:17,450 --> 00:10:18,718

"ARTIST SOLDIERS: ARTISTIC

382

00:10:18,718 --> 00:10:19,518

"EXPRESSION DURING

383

00:10:19,518 --> 00:10:20,853

"THE FIRST WORLD WAR."

384

00:10:20,853 --> 00:10:22,154

AND IT LOOKS AT ARTWORK

385

00:10:22,154 --> 00:10:24,223

CREATED BY ARTISTS WHO BECAME

386

00:10:24,223 --> 00:10:25,358

SOLDIERS AND SOLDIERS

387

00:10:25,358 --> 00:10:26,759

WHO BECAME ARTISTS.

388

00:10:26,759 --> 00:10:28,160

BEFORE WORLD WAR I, MOST

389

00:10:28,160 --> 00:10:29,795

WAR ART WAS HEROIC

390

00:10:29,795 --> 00:10:31,497

PAINTINGS TAKEN-- DONE

391

00:10:31,497 --> 00:10:33,132

WELL AFTER THE BATTLE,

392

00:10:33,132 --> 00:10:34,400

OFF THE BATTLEFIELD.

393

00:10:34,400 --> 00:10:35,234

BUT FOR THE FIRST TIME

394

00:10:35,234 --> 00:10:36,369

IN WORLD WAR I, WE HAD

395

00:10:36,369 --> 00:10:37,536

TRUE COMBAT ARTISTS,

396

00:10:37,536 --> 00:10:38,371

AND ARTISTS WHO WERE

397

00:10:38,371 --> 00:10:39,972

CAPTURING THE EXPERIENCES

398

00:10:39,972 --> 00:10:41,407

OF THE SOLDIERS IN THE MOMENT

399

00:10:41,407 --> 00:10:42,408

AS IT WAS HAPPENING.

400

00:10:42,408 --> 00:10:43,042

>> SO THAT WAS

401
00:10:43,042 --> 00:10:44,076
THEIR SPECIFIC JOB-- TO GO

402
00:10:44,076 --> 00:10:45,644
TO THE BATTLEFIELDS AND CAPTURE

403
00:10:45,644 --> 00:10:47,813
THOSE IMAGES THROUGH PAINTING?

404
00:10:47,813 --> 00:10:48,681
>> ABSOLUTELY.

405
00:10:48,681 --> 00:10:49,315
>> WOW.

406
00:10:49,315 --> 00:10:50,649
SO WHO WERE THOSE ARTISTS?

407
00:10:50,649 --> 00:10:51,384
>> THERE WERE EIGHT

408
00:10:51,384 --> 00:10:53,886
PROFESSIONAL ARTISTS THAT WERE

409
00:10:53,886 --> 00:10:55,187
COMMISSIONED AS CAPTAINS

410
00:10:55,187 --> 00:10:56,455
IN THE AMERICAN ARMY,

411
00:10:56,455 --> 00:10:57,223
AND THEY WERE SENT OVER

412
00:10:57,223 --> 00:10:58,524
WITH THE AMERICAN TROOPS

413
00:10:58,524 --> 00:10:59,925

IN 1918.

414

00:10:59,925 --> 00:11:01,327

AND THEY HAD FREE REIGN

415

00:11:01,327 --> 00:11:02,962

TO COVER WHAT WAS GOING ON

416

00:11:02,962 --> 00:11:04,163

NOT ONLY ON THE BATTLEFIELD,

417

00:11:04,163 --> 00:11:05,197

BUT BEHIND THE LINES,

418

00:11:05,197 --> 00:11:06,499

AND JUST CAPTURE THE GENERAL

419

00:11:06,499 --> 00:11:08,000

EXPERIENCE THAT ALL THE AMERICAN

420

00:11:08,000 --> 00:11:09,101

SOLDIERS WERE HAVING.

421

00:11:09,101 --> 00:11:09,668

>> WOW.

422

00:11:09,668 --> 00:11:10,302

IS THERE ONE PAINTING

423

00:11:10,302 --> 00:11:10,903

THAT MAYBE KIND OF TELLS

424

00:11:10,903 --> 00:11:11,837

THIS STORY?

425

00:11:11,837 --> 00:11:13,005

>> WELL, THERE'S MORE THAN

426
00:11:13,005 --> 00:11:14,607
50 PAINTINGS IN THE EXHIBITION.

427
00:11:14,607 --> 00:11:16,042
ONE THAT'S VERY POWERFUL

428
00:11:16,042 --> 00:11:17,443
IS CALLED "ON THE WIRE,"

429
00:11:17,443 --> 00:11:18,978
AND IT SHOWS TWO SOLDIERS

430
00:11:18,978 --> 00:11:20,913
CARRYING A FALLEN COMRADE

431
00:11:20,913 --> 00:11:21,781
ON A STRETCHER.

432
00:11:21,781 --> 00:11:23,049
BUT YOU REALLY CAN SEE

433
00:11:23,049 --> 00:11:24,617
THE REALITY OF THE WAR HERE:

434
00:11:24,617 --> 00:11:26,585
THE FATIGUE, AND THE LONELINESS

435
00:11:26,585 --> 00:11:27,353
THAT THE SOLDIERS WERE

436
00:11:27,353 --> 00:11:29,155
EXPRESSING, AND IT REALLY

437
00:11:29,155 --> 00:11:30,589
GIVES A MUCH MORE POWERFUL

438
00:11:30,589 --> 00:11:32,758

IMPRESSION OF THE WAR THAN

439

00:11:32,758 --> 00:11:34,326

EARLIER TYPES OF ART

440

00:11:34,326 --> 00:11:35,428

THAT COVERED WAR.

441

00:11:35,428 --> 00:11:36,095

>> NOW, THERE WERE

442

00:11:36,095 --> 00:11:36,929

PHOTOGRAPHS, BUT

443

00:11:36,929 --> 00:11:38,097

THE PAINTINGS SEEM TO CONVEY

444

00:11:38,097 --> 00:11:39,231

A LOT MORE EMOTION.

445

00:11:39,231 --> 00:11:39,832

>> WELL, OF COURSE,

446

00:11:39,832 --> 00:11:42,134

PHOTOGRAPHY WAS-- EXISTED

447

00:11:42,134 --> 00:11:43,402

AT THAT TIME, AND THERE'S A LOT

448

00:11:43,402 --> 00:11:44,904

OF PHOTOGRAPHS THAT CAPTURE

449

00:11:44,904 --> 00:11:46,372

THE WAR IN DETAIL.

450

00:11:46,372 --> 00:11:47,840

BUT THROUGH ART, YOU REALLY

451
00:11:47,840 --> 00:11:49,175
CAN SEE MORE OF THE EMOTIONAL

452
00:11:49,175 --> 00:11:51,010
EXPERIENCE, THE PERSONAL

453
00:11:51,010 --> 00:11:52,711
FEELINGS THAT ARE EXPRESSED

454
00:11:52,711 --> 00:11:54,080
BY THE SOLDIERS, THAN YOU CAN

455
00:11:54,080 --> 00:11:54,780
IN PHOTOGRAPHY.

456
00:11:54,780 --> 00:11:55,314
SO THEY WORK

457
00:11:55,314 --> 00:11:56,215
VERY WELL TOGETHER.

458
00:11:56,215 --> 00:11:56,849
>> NOW, IN THIS GALLERY,

459
00:11:56,849 --> 00:11:58,417
THERE ARE SOME PHOTOGRAPHS,

460
00:11:58,417 --> 00:11:59,118
BUT THEY'RE MODERN DAY

461
00:11:59,118 --> 00:12:00,419
PHOTOGRAPHS TAKEN OF THINGS

462
00:12:00,419 --> 00:12:01,720
THAT WERE DONE BACK THEN?

463
00:12:01,720 --> 00:12:03,923

>> YES, THE-- WORLD WAR I

464

00:12:03,923 --> 00:12:05,558

WAS KNOWN FOR TRENCH WARFARE.

465

00:12:05,558 --> 00:12:07,726

THAT WAS THE-- WHAT IT WAS

466

00:12:07,726 --> 00:12:08,861

MOST KNOWN FOR.

467

00:12:08,861 --> 00:12:09,862

BUT NEXT TO THE TRENCHES WERE

468

00:12:09,862 --> 00:12:11,197

THESE UNDERGROUND SPACES.

469

00:12:11,197 --> 00:12:12,465

THEY WERE STONE QUARRIES

470

00:12:12,465 --> 00:12:13,399

THAT HAD BEEN USED FOR

471

00:12:13,399 --> 00:12:14,433

CASTLES AND CATHEDRALS

472

00:12:14,433 --> 00:12:15,468

FOR HUNDREDS OF YEARS.

473

00:12:15,468 --> 00:12:16,302

AND DURING THE WAR,

474

00:12:16,302 --> 00:12:17,069

THEY WERE SHELTERS.

475

00:12:17,069 --> 00:12:17,803

THEY WERE PLACES THAT

476
00:12:17,803 --> 00:12:18,704
THE SOLDIERS TOOK REFUGE

477
00:12:18,704 --> 00:12:19,905
DURING THE BATTLES.

478
00:12:19,905 --> 00:12:21,073
BUT REMEMBER, THEY'RE STONE

479
00:12:21,073 --> 00:12:22,208
QUARRIES, SO THE WALLS,

480
00:12:22,208 --> 00:12:23,175
THE CEILINGS, THE FLOOR

481
00:12:23,175 --> 00:12:24,076
ARE ALL STONE.

482
00:12:24,076 --> 00:12:25,177
AND SOLDIERS DID CARVINGS

483
00:12:25,177 --> 00:12:26,378
ON THESE WALLS.

484
00:12:26,378 --> 00:12:27,480
SOME OF THEM WERE SIMPLE,

485
00:12:27,480 --> 00:12:28,581
JUST A NAME AND A PLACE.

486
00:12:28,581 --> 00:12:29,281
BUT OTHERS WERE

487
00:12:29,281 --> 00:12:30,149
QUITE ELABORATE.

488
00:12:30,149 --> 00:12:31,250

EVEN RELIGIOUS ALTARS WERE

489

00:12:31,250 --> 00:12:32,318

CARVED IN THE STONE,

490

00:12:32,318 --> 00:12:33,486

AND SOLDIERS WOULD GO THERE

491

00:12:33,486 --> 00:12:34,753

AND PRAY BEFORE THEY WENT

492

00:12:34,753 --> 00:12:35,654

INTO THE BATTLE.

493

00:12:35,654 --> 00:12:36,255

>> WOW.

494

00:12:36,255 --> 00:12:36,989

AND THE PHOTOGRAPHY IS

495

00:12:36,989 --> 00:12:38,224

ABSOLUTELY AMAZING.

496

00:12:38,224 --> 00:12:39,492

IF YOU GET A CHANCE TO STOP BY

497

00:12:39,492 --> 00:12:40,493

THE MUSEUM IN DOWNTOWN

498

00:12:40,493 --> 00:12:41,760

WASHINGTON, D.C., MAKE SURE

499

00:12:41,760 --> 00:12:43,062

YOU SEE THE ART GALLERY.

500

00:12:43,062 --> 00:12:43,963

AND IF YOU CAN'T MAKE IT

501
00:12:43,963 --> 00:12:45,097
THERE, THERE'S A GREAT ONLINE

502
00:12:45,097 --> 00:12:45,898
COMPONENT THAT YOU CAN

503
00:12:45,898 --> 00:12:47,099
CHECK OUT AS WELL.

504
00:12:47,099 --> 00:12:48,801
NOW, LET'S MOVE ON TO A FEW

505
00:12:48,801 --> 00:12:49,969
MORE OF THE LETTERS THAT WERE

506
00:12:49,969 --> 00:12:50,736
WRITTEN BY BELGIAN

507
00:12:50,736 --> 00:12:51,770
SCHOOLCHILDREN DURING

508
00:12:51,770 --> 00:12:53,506
WORLD WAR I.

509
00:12:53,506 --> 00:12:54,440
>> THE WORDS OF

510
00:12:54,440 --> 00:12:56,342
SUFFERING BELGIANS.

511
00:12:56,342 --> 00:12:59,712
>> [SPEAKING FRENCH].

512
00:13:01,580 --> 00:13:02,615
>> RUINS...

513
00:13:02,615 --> 00:13:03,516

BLOODY MORNING...

514

00:13:03,516 --> 00:13:05,151
IRREPARABLE LOSSES.

515

00:13:05,151 --> 00:13:06,152
YET, WE HAVE A FAIR IDEA

516

00:13:06,152 --> 00:13:07,353
OF THESE MISERIES DUE TO

517

00:13:07,353 --> 00:13:08,621
THE SADNESS THAT IS

518

00:13:08,621 --> 00:13:10,356
SO TANGIBLE AROUND US.

519

00:13:10,356 --> 00:13:12,024
THE RED EYES OF MOTHERS.

520

00:13:12,024 --> 00:13:12,725
THE FEELING THAT SOMETHING

521

00:13:12,725 --> 00:13:15,861
IS NOT QUITE RIGHT AT HOME.

522

00:13:15,861 --> 00:13:19,131
>> [SPEAKING FRENCH].

523

00:13:28,474 --> 00:13:29,508
>> IN WINTER, WE WORE

524

00:13:29,508 --> 00:13:31,377
THE WARM CLOTHES YOU SENT US

525

00:13:31,377 --> 00:13:33,012
WITH GREAT PRIDE.

526
00:13:33,012 --> 00:13:34,980
WE WERE GIVEN TOYS, BEAUTIFUL

527
00:13:34,980 --> 00:13:37,049
BRIGHT RED APPLES, CANDY

528
00:13:37,049 --> 00:13:39,118
SENT TO US BY YOUNG AMERICAN

529
00:13:39,118 --> 00:13:41,320
GIRLS WHO HAD SAVED THEM

530
00:13:41,320 --> 00:13:45,090
ESPECIALLY FOR US.

531
00:13:45,090 --> 00:13:45,624
>> PETER, ARE YOU READY

532
00:13:45,624 --> 00:13:46,325
FOR SOME QUESTIONS?

533
00:13:46,325 --> 00:13:46,959
>> SURE.

534
00:13:46,959 --> 00:13:47,493
>> ALL RIGHT, LET'S START

535
00:13:47,493 --> 00:13:48,861
WITH A VIDEO QUESTION.

536
00:13:48,861 --> 00:13:50,095
>> I'M ALICE, AND I WAS

537
00:13:50,095 --> 00:13:51,830
WONDERING: WHAT CAN WE LEARN

538
00:13:51,830 --> 00:13:53,165

BY LOOKING AT OLD PICTURES

539

00:13:53,165 --> 00:13:55,100

AND LETTERS?

540

00:13:55,100 --> 00:13:55,768

>> WELL, OLD PICTURES

541

00:13:55,768 --> 00:13:56,502

AND LETTERS ARE

542

00:13:56,502 --> 00:13:57,503

THE STUFF OF HISTORY.

543

00:13:57,503 --> 00:13:58,537

THOSE ARE PART OF THE RECORDS

544

00:13:58,537 --> 00:13:59,538

THAT WE HAVE THAT TELL US

545

00:13:59,538 --> 00:14:00,573

WHAT THE STORY WAS LIKE

546

00:14:00,573 --> 00:14:02,341

FOR PEOPLE IN THE PAST.

547

00:14:02,341 --> 00:14:03,242

YOU KNOW, THERE'S A FAMOUS

548

00:14:03,242 --> 00:14:05,311

HISTORIAN WHO SAID, "THE PAST

549

00:14:05,311 --> 00:14:06,345

"IS LIKE A DIFFERENT COUNTRY:

550

00:14:06,345 --> 00:14:07,046

"THEY DO THINGS

551
00:14:07,046 --> 00:14:08,180
"DIFFERENTLY THERE."

552
00:14:08,180 --> 00:14:09,481
AND THAT'S WHAT WE LEARN WHEN

553
00:14:09,481 --> 00:14:10,516
WE LOOK AT OLD PHOTOGRAPHS,

554
00:14:10,516 --> 00:14:12,117
LETTERS, OTHER MATERIALS.

555
00:14:12,117 --> 00:14:13,319
IT TELLS US WHAT LIFE WAS LIKE

556
00:14:13,319 --> 00:14:14,186
IN A DIFFERENT TIME,

557
00:14:14,186 --> 00:14:14,954
JUST LIKE LIFE IN

558
00:14:14,954 --> 00:14:16,055
A DIFFERENT PLACE.

559
00:14:16,055 --> 00:14:16,822
>> PRIMARY SOURCES.

560
00:14:16,822 --> 00:14:17,623
>> ABSOLUTELY.

561
00:14:17,623 --> 00:14:18,490
>> ALL RIGHT, WE'VE GOT

562
00:14:18,490 --> 00:14:19,558
A STUDENT CORRESPONDENT

563
00:14:19,558 --> 00:14:20,659

IN THE AUDIENCE.

564

00:14:20,659 --> 00:14:21,527

DO YOU GUYS HAVE

565

00:14:21,527 --> 00:14:22,795

SOME QUESTIONS?

566

00:14:22,795 --> 00:14:23,562

>> YES, WE HAVE ONE

567

00:14:23,562 --> 00:14:24,897

FROM ANNIE.

568

00:14:24,897 --> 00:14:25,831

>> HOW MANY ADVANCES

569

00:14:25,831 --> 00:14:27,032

DID AIRPLANES MAKE

570

00:14:27,032 --> 00:14:29,935

BETWEEN 1903 AND 1914?

571

00:14:29,935 --> 00:14:31,470

>> WELL, WORLD WAR I STARTED

572

00:14:31,470 --> 00:14:33,038

IN 1914, AND IT WAS JUST

573

00:14:33,038 --> 00:14:33,939

TEN YEARS AFTER

574

00:14:33,939 --> 00:14:34,807

THE WRIGHT BROTHERS MADE

575

00:14:34,807 --> 00:14:35,808

THE FIRST AIRPLANE FLIGHTS

576

00:14:35,808 --> 00:14:38,310
IN 1903, LATE 1903.

577

00:14:38,310 --> 00:14:40,212
I ALWAYS KIND OF JOKE THAT

578

00:14:40,212 --> 00:14:41,313
WHEN WORLD WAR I STARTED,

579

00:14:41,313 --> 00:14:42,081
THERE WERE ONLY TWO KINDS

580

00:14:42,081 --> 00:14:43,515
OF AIRPLANES: ONES THAT FLEW,

581

00:14:43,515 --> 00:14:44,717
AND ONES THAT DIDN'T.

582

00:14:44,717 --> 00:14:46,018
BUT BY THE END OF THE WAR

583

00:14:46,018 --> 00:14:47,319
IN 1918, THERE WAS A LOT

584

00:14:47,319 --> 00:14:48,854
OF ADVANCES IN THE TECHNOLOGY,

585

00:14:48,854 --> 00:14:50,122
AND WERE AIRPLANES

586

00:14:50,122 --> 00:14:51,090
FOR SPECIAL MISSIONS,

587

00:14:51,090 --> 00:14:52,424
FIGHTER PLANES, BOMBERS,

588

00:14:52,424 --> 00:14:53,592

RECONNAISSANCE AIRPLANES.

589

00:14:53,592 --> 00:14:54,760

SO THE AIRPLANE REALLY

590

00:14:54,760 --> 00:14:55,628

ADVANCED A GREAT DEAL

591

00:14:55,628 --> 00:14:56,962

IN THOSE FOUR SHORT YEARS.

592

00:14:56,962 --> 00:14:57,563

>> OKAY.

593

00:14:57,563 --> 00:14:58,297

LET'S GO TO AN ONLINE

594

00:14:58,297 --> 00:14:59,865

QUESTION NEXT.

595

00:14:59,865 --> 00:15:00,833

"WHEN THE SOLDIERS TOOK

596

00:15:00,833 --> 00:15:01,867

"PHOTOS, DID THEY DEVELOP

597

00:15:01,867 --> 00:15:02,868

"THE FILM THEMSELVES,

598

00:15:02,868 --> 00:15:03,769

"OR DID THEY HAVE TO WAIT

599

00:15:03,769 --> 00:15:05,337

"UNTIL THEY GOT BACK HOME?"

600

00:15:05,337 --> 00:15:06,171

>> WELL, THEY DIDN'T HAVE TO

601
00:15:06,171 --> 00:15:07,072
WAIT UNTIL THEY GOT BACK HOME,

602
00:15:07,072 --> 00:15:07,973
BUT IT WASN'T LIKE

603
00:15:07,973 --> 00:15:09,041
YOUR CAMERA TODAY WHERE

604
00:15:09,041 --> 00:15:09,975
YOU TAKE A PHOTO AND YOU CAN

605
00:15:09,975 --> 00:15:11,043
LOOK AT IT INSTANTLY.

606
00:15:11,043 --> 00:15:11,844
THEY DID HAVE LABS,

607
00:15:11,844 --> 00:15:12,945
PHOTO LABS, IN THE FIELD,

608
00:15:12,945 --> 00:15:14,613
SO THEY WERE ABLE TO DEVELOP

609
00:15:14,613 --> 00:15:15,447
THE FILM AND MAKE PICTURES

610
00:15:15,447 --> 00:15:16,782
IN THE FIELD.

611
00:15:16,782 --> 00:15:17,616
BUT IT DID TAKE

612
00:15:17,616 --> 00:15:18,384
A LITTLE WHILE.

613
00:15:18,384 --> 00:15:18,884

>> OKAY.

614

00:15:18,884 --> 00:15:19,518

LUCA, DO WE HAVE ANOTHER

615

00:15:19,518 --> 00:15:20,619

AUDIENCE QUESTION?

616

00:15:20,619 --> 00:15:21,487

>> YEAH, WE HAVE ONE

617

00:15:21,487 --> 00:15:22,621

FROM NADIA.

618

00:15:22,621 --> 00:15:23,722

>> HOW MANY PEOPLE COULD FIT

619

00:15:23,722 --> 00:15:25,190

ON THE AIR CRAFTS?

620

00:15:25,190 --> 00:15:26,058

>> WELL, IT DEPENDS ON

621

00:15:26,058 --> 00:15:27,459

THE TYPE OF AIRPLANE IT WAS.

622

00:15:27,459 --> 00:15:29,495

AS I MENTIONED, BY THE END OF

623

00:15:29,495 --> 00:15:30,462

THE WAR, YOU HAD ALL DIFFERENT

624

00:15:30,462 --> 00:15:31,297

TYPES OF AIRPLANES

625

00:15:31,297 --> 00:15:32,398

FOR DIFFERENT PURPOSES.

626

00:15:32,398 --> 00:15:33,666

SO IF YOU HAD A FIGHTER PLANE,

627

00:15:33,666 --> 00:15:34,800

THAT WOULD JUST BE ONE PERSON,

628

00:15:34,800 --> 00:15:36,435

LIKE A MODERN COMBAT PLANE,

629

00:15:36,435 --> 00:15:37,870

BUT A BOMBER PLANE MIGHT HAVE

630

00:15:37,870 --> 00:15:38,804

SEVERAL PEOPLE ON IT.

631

00:15:38,804 --> 00:15:39,705

SO IT DEPENDED ON

632

00:15:39,705 --> 00:15:40,272

WHAT THE PURPOSE

633

00:15:40,272 --> 00:15:41,507

OF THE AIRPLANE WAS.

634

00:15:41,507 --> 00:15:42,041

>> OKAY.

635

00:15:42,041 --> 00:15:42,608

ALL RIGHT, LUCA, DO WE HAVE

636

00:15:42,608 --> 00:15:44,009

ANOTHER AUDIENCE QUESTION?

637

00:15:44,009 --> 00:15:45,844

>> YES, WE HAVE ONE FROM MARK.

638

00:15:45,844 --> 00:15:47,112

>> DID SMALLER ARMIES LIKE

639

00:15:47,112 --> 00:15:48,580

SERBIA AND AUSTRIA-HUNGARY

640

00:15:48,580 --> 00:15:50,082

HAVE PLANES?

641

00:15:50,082 --> 00:15:50,949

>> THAT'S THE THING, YOU KNOW.

642

00:15:50,949 --> 00:15:52,718

IT WAS WORLD WAR I.

643

00:15:52,718 --> 00:15:54,553

IT WAS THE FIRST WORLD WAR.

644

00:15:54,553 --> 00:15:55,554

SO MANY COUNTRIES WERE

645

00:15:55,554 --> 00:15:56,488

INVOLVED, NOT JUST

646

00:15:56,488 --> 00:15:57,389

THE GREAT POWERS THAT

647

00:15:57,389 --> 00:15:58,590

WE THINK OF LIKE FRANCE,

648

00:15:58,590 --> 00:15:59,892

GREAT BRITAIN, AND GERMANY,

649

00:15:59,892 --> 00:16:01,126

AND THE UNITED STATES.

650

00:16:01,126 --> 00:16:04,163

ON THE GERMAN SIDE,

651
00:16:04,163 --> 00:16:05,030
AUSTRIA-HUNGARY WAS

652
00:16:05,030 --> 00:16:05,998
THE OTHER MAJOR POWER,

653
00:16:05,998 --> 00:16:07,166
AND THEY DID HAVE AIRPLANES

654
00:16:07,166 --> 00:16:08,167
THAT THEY BUILT.

655
00:16:08,167 --> 00:16:08,901
BUT SOME OF THE SMALLER

656
00:16:08,901 --> 00:16:09,835
COUNTRIES USED AUSTRIAN

657
00:16:09,835 --> 00:16:11,570
AIRPLANES OR GERMAN AIRPLANES.

658
00:16:11,570 --> 00:16:12,171
>> OKAY.

659
00:16:12,171 --> 00:16:12,705
ALL RIGHT, LET'S GO TO

660
00:16:12,705 --> 00:16:14,306
AN ONLINE QUESTION NEXT.

661
00:16:14,306 --> 00:16:15,541
"HOW FAR AND LONG

662
00:16:15,541 --> 00:16:17,176
"COULD THE AIRPLANES TRAVEL?"

663
00:16:17,176 --> 00:16:18,610

>> WELL, AGAIN,

664

00:16:18,610 --> 00:16:19,678

AT THE BEGINNING OF THE WAR,

665

00:16:19,678 --> 00:16:21,080

AIRPLANES WERE VERY LOW

666

00:16:21,080 --> 00:16:22,281

PERFORMANCE, COULDN'T FLY

667

00:16:22,281 --> 00:16:23,582

VERY FAR OR VERY FAST.

668

00:16:23,582 --> 00:16:24,717

BUT BY THE END OF THE WAR,

669

00:16:24,717 --> 00:16:26,085

THEY COULD FLY GREAT DISTANCES

670

00:16:26,085 --> 00:16:26,852

AND STAY IN THE AIR

671

00:16:26,852 --> 00:16:27,853

FOR HOURS AT A TIME.

672

00:16:27,853 --> 00:16:28,954

SO TREMENDOUS ADVANCES

673

00:16:28,954 --> 00:16:29,655

IN THE PERFORMANCE

674

00:16:29,655 --> 00:16:30,789

OF THE AIRPLANES AS WELL.

675

00:16:30,789 --> 00:16:31,357

>> AWESOME.

676

00:16:31,357 --> 00:16:31,924

ALL RIGHT, WELL, LET'S

677

00:16:31,924 --> 00:16:32,658

GO BACK AND LOOK AT

678

00:16:32,658 --> 00:16:33,559

A FEW MORE OF THOSE LETTERS

679

00:16:33,559 --> 00:16:34,760

FROM BELGIAN SCHOOLCHILDREN

680

00:16:34,760 --> 00:16:35,661

TO THE UNITED STATES

681

00:16:35,661 --> 00:16:38,664

WRITTEN DURING WORLD WAR I.

682

00:16:38,664 --> 00:16:39,631

>> THE WORDS OF

683

00:16:39,631 --> 00:16:42,301

SUFFERING BELGIANS.

684

00:16:42,301 --> 00:16:46,171

>> [SPEAKING FRENCH].

685

00:16:54,046 --> 00:16:55,447

>> WE ARE WRITING TO YOU

686

00:16:55,447 --> 00:16:56,882

NOT AS SCHOLARS, BUT AS

687

00:16:56,882 --> 00:16:58,083

YOUNG SCHOOLGIRLS WITH

688

00:16:58,083 --> 00:17:00,552

OVERFLOWING HEARTS, AND WHO,

689

00:17:00,552 --> 00:17:02,321

IN THEIR SIMPLE LANGUAGE, WILL

690

00:17:02,321 --> 00:17:04,990

ATTEMPT TO STUTTER SOME WORDS

691

00:17:04,990 --> 00:17:06,759

OF GRATEFUL AFFECTION.

692

00:17:06,759 --> 00:17:08,127

WHAT WE DO KNOW IS THAT

693

00:17:08,127 --> 00:17:10,496

IT'S THANKS TO GENEROUS AMERICA

694

00:17:10,496 --> 00:17:11,530

THAT WE STILL HAVE BREAD

695

00:17:11,530 --> 00:17:12,698

ON OUR TABLE...

696

00:17:12,698 --> 00:17:16,101

AND EVEN CANDY.

697

00:17:16,101 --> 00:17:16,735

>> WELL, I'VE GOT MY FRIENDS

698

00:17:16,735 --> 00:17:17,469

FROM JANNEY SCHOOL HERE,

699

00:17:17,469 --> 00:17:18,370

AND I'VE GOT A LITTLE

700

00:17:18,370 --> 00:17:19,171

CHALLENGE FOR YOU GUYS.

701
00:17:19,171 --> 00:17:20,305
I'M GOING TO TELL YOU A WORD,

702
00:17:20,305 --> 00:17:21,306
AND I WANT YOU TO GIVE ME

703
00:17:21,306 --> 00:17:22,341
ONE WORD BACK THAT

704
00:17:22,341 --> 00:17:23,542
YOU THINK OF WHEN YOU HEAR

705
00:17:23,542 --> 00:17:24,376
THAT WORD.

706
00:17:24,376 --> 00:17:25,344
YOU READY FOR THIS?

707
00:17:25,344 --> 00:17:25,944
ALL RIGHT, THE WORD

708
00:17:25,944 --> 00:17:26,745
IS ARTIFACT.

709
00:17:26,745 --> 00:17:27,613
WHAT COMES TO MIND

710
00:17:27,613 --> 00:17:28,247
WHEN YOU THINK OF

711
00:17:28,247 --> 00:17:29,448
THE WORD ARTIFACT?

712
00:17:31,183 --> 00:17:30,215
>> EXPENSIVE.

713
00:17:32,618 --> 00:17:31,850

>> SPECIAL.

714

00:17:34,353 --> 00:17:33,652

>> OLD.

715

00:17:34,353 --> 00:17:35,120

THOSE ARE REALLY INTERESTING

716

00:17:35,120 --> 00:17:36,789

WORDS, BUT THOSE MAYBE

717

00:17:36,789 --> 00:17:38,524

DON'T CAPTURE IT COMPLETELY.

718

00:17:38,524 --> 00:17:40,259

BETH, WHAT DO YOU THINK?

719

00:17:40,259 --> 00:17:41,427

>> YES, PETER, NOW,

720

00:17:41,427 --> 00:17:42,361

WHEN YOU PUT TOGETHER

721

00:17:42,361 --> 00:17:43,695

THE ARTIST SOLDERS EXHIBIT,

722

00:17:43,695 --> 00:17:44,696

YOU DIDN'T JUST PUT IN

723

00:17:44,696 --> 00:17:45,798

PAINTINGS AND DRAWINGS.

724

00:17:45,798 --> 00:17:47,566

YOU ACTUALLY PUT IN ARTIFACTS

725

00:17:47,566 --> 00:17:49,468

INTO THE GALLERY AS WELL.

726
00:17:49,468 --> 00:17:51,403
WHY DID YOU DECIDE TO DO THAT?

727
00:17:51,403 --> 00:17:52,304
>> WELL, OF COURSE, ARTIFACTS

728
00:17:52,304 --> 00:17:53,338
ARE THINGS PEOPLE MAKE,

729
00:17:53,338 --> 00:17:54,473
THINGS PEOPLE USE.

730
00:17:54,473 --> 00:17:55,274
THEY'RE THE STUFF THAT

731
00:17:55,274 --> 00:17:56,341
WE ALL LIVE WITH.

732
00:17:56,341 --> 00:17:58,243
AND OBJECTS THAT ARE FROM

733
00:17:58,243 --> 00:17:59,244
AN EARLIER TIME HELP US

734
00:17:59,244 --> 00:18:00,245
UNDERSTAND THE LIFE

735
00:18:00,245 --> 00:18:01,880
AND EXPERIENCES THAT PEOPLE HAD.

736
00:18:01,880 --> 00:18:03,282
FOR EXAMPLE, IN THE ARTIST

737
00:18:03,282 --> 00:18:04,483
SOLDIERS EXHIBIT, WE HAVE

738
00:18:04,483 --> 00:18:05,884

A WHEELCHAIR, AN ACTUAL

739

00:18:05,884 --> 00:18:06,752

WHEELCHAIR THAT WAS USED

740

00:18:06,752 --> 00:18:07,920

IN WORLD WAR I.

741

00:18:07,920 --> 00:18:08,987

AND THAT GIVES YOU A SENSE

742

00:18:08,987 --> 00:18:10,422

OF THE INDIVIDUAL STORIES

743

00:18:10,422 --> 00:18:11,390

THAT WERE TOLD.

744

00:18:11,390 --> 00:18:12,825

YOU KNOW, WE TEND TO THINK OF

745

00:18:12,825 --> 00:18:14,226

GREAT HISTORICAL EVENTS

746

00:18:14,226 --> 00:18:15,227

WHERE MILLIONS OF PEOPLE

747

00:18:15,227 --> 00:18:16,795

WERE INVOLVED, BUT THEY'RE ALL

748

00:18:16,795 --> 00:18:17,663

MADE UP BY INDIVIDUALS

749

00:18:17,663 --> 00:18:18,897

AND INDIVIDUAL STORIES.

750

00:18:18,897 --> 00:18:20,165

SO THE WHEELCHAIR GIVES US

751

00:18:20,165 --> 00:18:21,266

THAT IDEA THAT, WELL,

752

00:18:21,266 --> 00:18:22,701

HERE'S ONE PERSON'S STORY.

753

00:18:22,701 --> 00:18:25,737

>> NOW, THE SOLDIERS USED

754

00:18:25,737 --> 00:18:26,605

STUFF THAT THEY HAD AROUND,

755

00:18:26,605 --> 00:18:28,106

LIKE SHELL CASINGS,

756

00:18:28,106 --> 00:18:29,875

TO MAKE ART AS WELL.

757

00:18:29,875 --> 00:18:30,509

CAN YOU TELL US

758

00:18:30,509 --> 00:18:31,743

A LITTLE ABOUT THAT?

759

00:18:31,743 --> 00:18:32,644

>> YEAH, WE CALL THAT TRENCH

760

00:18:32,644 --> 00:18:34,012

ART BECAUSE DURING THE FIRST

761

00:18:34,012 --> 00:18:35,581

WORLD WAR, THAT REALLY

762

00:18:35,581 --> 00:18:36,615

INCREASED A LOT, WHERE

763

00:18:36,615 --> 00:18:38,050

SOLDIERS IN THEIR SPARE TIME

764

00:18:38,050 --> 00:18:39,718

WOULD USE THE EQUIPMENT

765

00:18:39,718 --> 00:18:40,886

THAT THEY HAD, AND WEAPONS

766

00:18:40,886 --> 00:18:42,488

AND SO FORTH, AND FASHION

767

00:18:42,488 --> 00:18:43,755

WORKS OF ART OR DECORATIVE

768

00:18:43,755 --> 00:18:44,890

PIECES OUT OF THAT.

769

00:18:44,890 --> 00:18:45,757

THEY WOULD MAKE VASES

770

00:18:45,757 --> 00:18:47,025

OUT OF SHELL CASINGS.

771

00:18:47,025 --> 00:18:48,160

ONE OF MY FAVORITES THAT

772

00:18:48,160 --> 00:18:49,261

WE HAVE IN THE EXHIBITION

773

00:18:49,261 --> 00:18:51,129

IS A LITTLE DOLLHOUSE SIZED

774

00:18:51,129 --> 00:18:52,831

TABLE AND CUPS THAT WAS MADE

775

00:18:52,831 --> 00:18:54,733

OUT OF THE CASINGS OF BULLETS,

776

00:18:54,733 --> 00:18:56,201

AND THE TABLE IS MADE OUT OF

777

00:18:56,201 --> 00:18:57,669

THE BOTTOM OF A LARGE SHELL.

778

00:18:57,669 --> 00:18:59,538

>> AND PROBABLY THAT SOLDIER

779

00:18:59,538 --> 00:19:02,040

NEVER THOUGHT THAT HIS LITTLE

780

00:19:02,040 --> 00:19:03,775

DOLLHOUSE SIZED TABLE AND CUPS

781

00:19:03,775 --> 00:19:05,210

WOULD BE IN A MUSEUM.

782

00:19:05,210 --> 00:19:05,944

>> WELL, WE COLLECT THINGS,

783

00:19:05,944 --> 00:19:07,112

AND AGAIN, IT TELLS US

784

00:19:07,112 --> 00:19:08,146

A LITTLE BIT ABOUT

785

00:19:08,146 --> 00:19:09,081

THE EXPERIENCE OF PEOPLE

786

00:19:09,081 --> 00:19:10,516

WHO LIVED IN ANOTHER TIME.

787

00:19:10,516 --> 00:19:12,050

>> NOW, OUR FRIENDS FROM

788

00:19:12,050 --> 00:19:13,585

THE JANNEY SCHOOL ACTUALLY

789

00:19:13,585 --> 00:19:14,653
BROUGHT IN SOME ARTIFACTS,

790

00:19:14,653 --> 00:19:15,454
AND MARTY, DO YOU WANT TO

791

00:19:15,454 --> 00:19:17,089
HAVE THEM TELL US

792

00:19:17,089 --> 00:19:18,724
A LITTLE BIT ABOUT THEM?

793

00:19:18,724 --> 00:19:19,424
>> SURE.

794

00:19:19,424 --> 00:19:20,125
SOFIA, YOU BROUGHT

795

00:19:20,125 --> 00:19:20,492
AN ARTIFACT IN.

796

00:19:20,492 --> 00:19:21,226
WHAT DID YOU BRING IN?

797

00:19:21,226 --> 00:19:22,060
HOLD IT UP HERE.

798

00:19:22,060 --> 00:19:23,529
>> I BROUGHT IN A BRACELET

799

00:19:23,529 --> 00:19:24,396
THAT'S MADE OUT OF

800

00:19:24,396 --> 00:19:25,831
DUTCH COINS.

801
00:19:25,831 --> 00:19:26,565
>> NOW, SOFIA,

802
00:19:26,565 --> 00:19:28,033
DOES THIS BRACELET KIND OF

803
00:19:28,033 --> 00:19:29,167
TELL YOUR STORY?

804
00:19:29,167 --> 00:19:29,968
>> YES.

805
00:19:29,968 --> 00:19:30,869
SO MY GREAT GRANDFATHER

806
00:19:30,869 --> 00:19:32,604
HELPED THIS DUTCH FAMILY

807
00:19:32,604 --> 00:19:34,840
IN WORLD WAR II.

808
00:19:34,840 --> 00:19:37,509
HE HELPED THEM STAY SAFE,

809
00:19:37,509 --> 00:19:38,911
AND HE GAVE THEM FOOD.

810
00:19:38,911 --> 00:19:40,579
AND AFTER THAT, THEY GAVE HIM

811
00:19:40,579 --> 00:19:41,713
A PRESENT THAT THEY MADE

812
00:19:41,713 --> 00:19:44,917
OUT OF THEIR COINS.

813
00:19:44,917 --> 00:19:46,218

AND NOW IT'S A DUTCH BRACELET

814

00:19:46,218 --> 00:19:47,386

THAT THEY MADE.

815

00:19:47,386 --> 00:19:47,986

>> WOW.

816

00:19:47,986 --> 00:19:48,720

I'LL BET THAT'S PRETTY SPECIAL

817

00:19:48,720 --> 00:19:49,354

TO YOU AND YOUR FAMILY,

818

00:19:49,354 --> 00:19:49,922

ISN'T IT?

819

00:19:49,922 --> 00:19:51,123

>> VERY, VERY SPECIAL.

820

00:19:51,123 --> 00:19:51,690

>> THAT'S COOL.

821

00:19:51,690 --> 00:19:52,991

I THINK THAT SHOWS THAT

822

00:19:52,991 --> 00:19:54,359

WE'RE ALL A PART OF HISTORY

823

00:19:54,359 --> 00:19:55,093

AND WE HAVE

824

00:19:55,093 --> 00:19:55,994

THAT STORY TO TELL.

825

00:19:55,994 --> 00:19:56,795

BETH?

826
00:19:56,795 --> 00:19:57,796
>> PETER, HOW DOES SOMETHING

827
00:19:57,796 --> 00:19:59,498
LIKE A BRACELET MADE OF COINS

828
00:19:59,498 --> 00:20:01,233
BECOME AN ARTIFACT?

829
00:20:01,233 --> 00:20:02,401
>> WELL, ARTIFACTS ARE THINGS

830
00:20:02,401 --> 00:20:03,735
THAT WE MAKE, THINGS THAT

831
00:20:03,735 --> 00:20:05,437
WE USE, THINGS THAT WE MAKE.

832
00:20:05,437 --> 00:20:07,306
AND THEY TELL OUR STORY,

833
00:20:07,306 --> 00:20:09,775
JUST LIKE A COUCH, OR A TABLE,

834
00:20:09,775 --> 00:20:11,376
OR A CHAIR THAT WE USE TODAY--

835
00:20:11,376 --> 00:20:13,111
IF WE SAVE ONE FROM THE PAST,

836
00:20:13,111 --> 00:20:14,813
IT TELLS US A BIT HOW PEOPLE

837
00:20:14,813 --> 00:20:15,614
LIVED IN THE PAST WHEN

838
00:20:15,614 --> 00:20:16,415

THEY MAYBE USED DIFFERENT

839

00:20:16,415 --> 00:20:17,382

KINDS OF ARTIFACTS,

840

00:20:17,382 --> 00:20:18,617

DIFFERENT KINDS OF OBJECTS.

841

00:20:18,617 --> 00:20:19,618

>> AND HOW DOES THE MUSEUM

842

00:20:19,618 --> 00:20:20,552

DECIDE WHAT ARTIFACTS

843

00:20:20,552 --> 00:20:21,853

TO COLLECT?

844

00:20:21,853 --> 00:20:22,888

>> WELL, WE WANT TO MAKE SURE

845

00:20:22,888 --> 00:20:23,889

THAT WE HAVE OBJECTS THAT

846

00:20:23,889 --> 00:20:25,157

SUPPORT THE STORIES

847

00:20:25,157 --> 00:20:25,924

THAT WE TELL.

848

00:20:25,924 --> 00:20:27,092

IN THIS CASE, WE'RE TALKING

849

00:20:27,092 --> 00:20:28,026

ABOUT WORLD WAR I,

850

00:20:28,026 --> 00:20:29,294

WE'RE TALKING ABOUT HOW

851
00:20:29,294 --> 00:20:31,129
ARTISTS WERE INVOLVED IN

852
00:20:31,129 --> 00:20:32,297
TELLING THAT STORY.

853
00:20:32,297 --> 00:20:33,432
SO THE OBJECTS THAT WE HAVE,

854
00:20:33,432 --> 00:20:34,666
THE TRENCH ART OBJECTS,

855
00:20:34,666 --> 00:20:36,134
HELP TELL THAT STORY.

856
00:20:36,134 --> 00:20:37,502
>> OKAY, AND NOW LET'S

857
00:20:37,502 --> 00:20:38,637
GO AND TAKE A LOOK AT

858
00:20:38,637 --> 00:20:40,505
SOME OTHER PRIMARY SOURCES,

859
00:20:40,505 --> 00:20:41,940
SOME MORE LETTERS FROM

860
00:20:41,940 --> 00:20:45,043
BELGIAN SCHOOL CHILDREN.

861
00:20:45,043 --> 00:20:46,144
>> BELGIANS EXPRESS

862
00:20:46,144 --> 00:20:48,714
THEIR GRATITUDE.

863
00:20:48,714 --> 00:20:52,484

>> [SPEAKING FRENCH].

864

00:20:56,021 --> 00:20:58,123

>> PLEASE ACCEPT OUR NOBLE

865

00:20:58,123 --> 00:21:00,058

BENEFACTOR'S HEARTFELT WISHES

866

00:21:00,058 --> 00:21:01,360

FOR PEACE, PROSPERITY,

867

00:21:01,360 --> 00:21:03,495

AND ENDLESS INDEPENDENCE.

868

00:21:03,495 --> 00:21:04,596

>> FOR MANY MONTHS,

869

00:21:04,596 --> 00:21:05,831

YOU HAVE HELPED US SURVIVE

870

00:21:05,831 --> 00:21:07,966

WITH TIRELESS DEDICATION.

871

00:21:07,966 --> 00:21:09,468

WITHOUT YOUR GENEROSITY,

872

00:21:09,468 --> 00:21:10,469

THE BELGIANS WOULD HAVE

873

00:21:10,469 --> 00:21:12,471

PERHAPS GONE HUNGRY.

874

00:21:12,471 --> 00:21:14,072

BUT A NOBLE HEART WAS SHOWN

875

00:21:14,072 --> 00:21:16,074

BY THOSE WHO PROVIDED

876

00:21:16,074 --> 00:21:19,144

FOR OUR NEEDS.

877

00:21:19,144 --> 00:21:19,678

>> PETER, DO YOU WANT

878

00:21:19,678 --> 00:21:20,779

TO TAKE SOME MORE QUESTIONS?

879

00:21:20,779 --> 00:21:21,546

>> SURE.

880

00:21:21,546 --> 00:21:22,347

>> LET'S START WITH

881

00:21:22,347 --> 00:21:24,282

A VIDEO QUESTION.

882

00:21:24,282 --> 00:21:25,784

>> HI, I'M LOUIS,

883

00:21:25,784 --> 00:21:26,485

AND I WAS WONDERING

884

00:21:26,485 --> 00:21:27,519

HOW MUSEUMS CHOOSE

885

00:21:27,519 --> 00:21:29,621

WHAT THEY PUT ON DISPLAY.

886

00:21:29,621 --> 00:21:30,389

>> WELL, WE PICK THINGS

887

00:21:30,389 --> 00:21:31,223

THAT TELL THE STORIES

888

00:21:31,223 --> 00:21:33,091

OF PEOPLE'S LIVES IN THE PAST.

889

00:21:33,091 --> 00:21:34,159

WE HAVE THINGS TODAY THAT

890

00:21:34,159 --> 00:21:36,428

WE WOULD SAVE THAT WE MAY HAVE

891

00:21:36,428 --> 00:21:37,896

A LITTLE BIT DIFFERENT THAN

892

00:21:37,896 --> 00:21:38,964

PEOPLE HAD IN THE PAST,

893

00:21:38,964 --> 00:21:40,666

BUT THE OLD THINGS TELL US

894

00:21:40,666 --> 00:21:41,566

WHAT THEIR LIVES WERE LIKE

895

00:21:41,566 --> 00:21:42,768

IN AN EARLIER TIME,

896

00:21:42,768 --> 00:21:43,402

AND THAT'S WHAT WE COLLECT

897

00:21:43,402 --> 00:21:44,469

IN THE MUSEUM.

898

00:21:44,469 --> 00:21:45,737

>> LET'S HAVE--

899

00:21:45,737 --> 00:21:46,638

LUCA, DO WE HAVE

900

00:21:46,638 --> 00:21:48,106

AN AUDIENCE QUESTION?

901
00:21:48,106 --> 00:21:49,107
>> YEAH, WE HAVE ONE

902
00:21:49,107 --> 00:21:50,475
FROM MEREDITH.

903
00:21:50,475 --> 00:21:52,477
>> HOW BIG WERE THE AIRPLANES?

904
00:21:52,477 --> 00:21:53,578
>> WELL, AS I MENTIONED

905
00:21:53,578 --> 00:21:54,713
BEFORE, AT THE BEGINNING

906
00:21:54,713 --> 00:21:55,614
OF THE WAR, KIND OF

907
00:21:55,614 --> 00:21:56,348
ALL AIRPLANES WERE

908
00:21:56,348 --> 00:21:57,115
PRETTY SIMILAR.

909
00:21:57,115 --> 00:21:57,783
ONES THAT FLEW

910
00:21:57,783 --> 00:21:58,750
AND ONES THAT DIDN'T.

911
00:21:58,750 --> 00:22:00,085
BUT BY THE END OF THE WAR,

912
00:22:00,085 --> 00:22:01,453
THE TECHNOLOGY HAD EVOLVED

913
00:22:01,453 --> 00:22:02,354

SO MUCH THAT YOU HAD

914

00:22:02,354 --> 00:22:03,622
FIGHTER PLANES, YOU HAD

915

00:22:03,622 --> 00:22:04,589
BIG BOMBERS, YOU HAD

916

00:22:04,589 --> 00:22:05,791
RECONNAISSANCE PLANES.

917

00:22:05,791 --> 00:22:06,925
SO SOME OF THE AIRPLANES

918

00:22:06,925 --> 00:22:08,060
HAD WINGSPANS OF

919

00:22:08,060 --> 00:22:08,960
MORE THAN 100 FEET

920

00:22:08,960 --> 00:22:10,829
AND HAD MULTIPLE ENGINES.

921

00:22:10,829 --> 00:22:11,396
SO BY THE END OF THE WAR,

922

00:22:11,396 --> 00:22:12,397
THE TECHNOLOGY REALLY

923

00:22:12,397 --> 00:22:13,799
CHANGED A LOT.

924

00:22:13,799 --> 00:22:14,266
>> LET'S TAKE

925

00:22:14,266 --> 00:22:16,468
AN ONLINE QUESTION.

926
00:22:16,468 --> 00:22:18,837
"COULD SOLDIERS TAKE PHOTOS

927
00:22:18,837 --> 00:22:19,705
"FROM AIRPLANES

928
00:22:19,705 --> 00:22:21,239
"DURING WORLD WAR I?"

929
00:22:21,239 --> 00:22:21,940
>> THAT'S AN INTERESTING

930
00:22:21,940 --> 00:22:22,874
QUESTION, BECAUSE THAT WAS

931
00:22:22,874 --> 00:22:24,609
A VERY IMPORTANT ACTIVITY.

932
00:22:24,609 --> 00:22:26,311
ONE OF THE ACTIVITIES THAT WAS

933
00:22:26,311 --> 00:22:27,579
IMPORTANT WAS RECONNAISSANCE,

934
00:22:27,579 --> 00:22:28,680
OR OBSERVATIONS.

935
00:22:28,680 --> 00:22:29,314
YOU WANT TO KNOW

936
00:22:29,314 --> 00:22:30,515
WHAT THE OTHER SIDE IS DOING.

937
00:22:30,515 --> 00:22:31,416
AND AIRPLANES ALLOWED YOU

938
00:22:31,416 --> 00:22:32,250

TO DO THAT.

939

00:22:32,250 --> 00:22:33,385

SO CAMERAS WERE MOUNTED

940

00:22:33,385 --> 00:22:34,686

ON AIRPLANES, AND WE HAD

941

00:22:34,686 --> 00:22:36,021

AERIAL PHOTOGRAPHY THAT SHOWED

942

00:22:36,021 --> 00:22:36,955

WHERE THE TROOPS WERE, SHOWED

943

00:22:36,955 --> 00:22:38,090

WHERE THE TRENCHES WERE.

944

00:22:38,090 --> 00:22:39,091

AND YOU CAN ANALYZE THAT

945

00:22:39,091 --> 00:22:39,891

AND THEN DECIDE WHERE

946

00:22:39,891 --> 00:22:41,059

YOUR ATTACK WAS GOING TO BE.

947

00:22:41,059 --> 00:22:42,294

SO AERIAL PHOTOGRAPHY

948

00:22:42,294 --> 00:22:43,328

AND AERIAL RECONNAISSANCE

949

00:22:43,328 --> 00:22:44,296

WAS REALLY, REALLY IMPORTANT

950

00:22:44,296 --> 00:22:45,664

IN WORLD WAR I.

951
00:22:45,664 --> 00:22:46,565
>> LUCA, DO WE HAVE ANOTHER

952
00:22:46,565 --> 00:22:47,666
AUDIENCE QUESTION?

953
00:22:47,666 --> 00:22:48,500
>> YEAH, WE HAVE ONE

954
00:22:48,500 --> 00:22:49,868
FROM NINA.

955
00:22:49,868 --> 00:22:50,969
>> WERE THERE A LOT OF PLANES

956
00:22:50,969 --> 00:22:53,071
IN THE WAR?

957
00:22:53,071 --> 00:22:54,139
>> WELL, WHEN THE WAR BEGAN,

958
00:22:54,139 --> 00:22:55,774
MOST COUNTRIES ONLY HAD

959
00:22:55,774 --> 00:22:57,075
MAYBE A FEW DOZEN AIRPLANES.

960
00:22:57,075 --> 00:22:59,044
IT WAS A VERY SMALL INDUSTRY.

961
00:22:59,044 --> 00:23:00,011
BUT BY THE END OF THE WAR,

962
00:23:00,011 --> 00:23:00,812
THE INDUSTRY HAD GROWN

963
00:23:00,812 --> 00:23:01,813

TREMENDOUSLY, AND THERE WERE

964

00:23:01,813 --> 00:23:04,316

THOUSANDS OF AIRPLANES BUILT.

965

00:23:04,316 --> 00:23:05,083

>> DO WE HAVE ANOTHER

966

00:23:05,083 --> 00:23:06,218

AUDIENCE QUESTION, LUCA?

967

00:23:06,218 --> 00:23:06,885

>> YEAH, WE HAVE ONE

968

00:23:06,885 --> 00:23:07,853

FROM SOFIA.

969

00:23:07,853 --> 00:23:09,187

>> UM, WERE THERE SPIES

970

00:23:09,187 --> 00:23:10,889

IN WORLD WAR I?

971

00:23:10,889 --> 00:23:11,523

>> AH!

972

00:23:11,523 --> 00:23:13,525

THERE WERE SPIES IN EVERY WAR.

973

00:23:13,525 --> 00:23:14,392

THAT'S A COMMON THING,

974

00:23:14,392 --> 00:23:15,193

ALL THE WAY BACK

975

00:23:15,193 --> 00:23:16,394

TO ANCIENT TIMES.

976
00:23:16,394 --> 00:23:17,329
THE IDEA OF TRYING TO

977
00:23:17,329 --> 00:23:19,030
FIGURE OUT, "WHAT IS THE OTHER

978
00:23:19,030 --> 00:23:20,065
"SIDE TRYING TO DO?"

979
00:23:20,065 --> 00:23:21,199
HAS ALWAYS BEEN AN IMPORTANT

980
00:23:21,199 --> 00:23:23,034
PART OF FIGHTING A WAR.

981
00:23:23,034 --> 00:23:24,903
SO YEP, THERE WERE SPIES THEN,

982
00:23:24,903 --> 00:23:27,372
AND THERE'S SPIES TODAY.

983
00:23:27,372 --> 00:23:28,406
>> LET'S TAKE

984
00:23:28,406 --> 00:23:30,342
AN ONLINE QUESTION.

985
00:23:30,342 --> 00:23:31,910
"DID THE PLANES

986
00:23:31,910 --> 00:23:33,612
"HAVE PARACHUTES?"

987
00:23:33,612 --> 00:23:34,646
>> PARACHUTES WERE INVENTED

988
00:23:34,646 --> 00:23:35,580

DURING WORLD WAR I,

989

00:23:35,580 --> 00:23:36,748

BUT THEY REALLY WEREN'T USED

990

00:23:36,748 --> 00:23:37,582

VERY MUCH BECAUSE

991

00:23:37,582 --> 00:23:39,217

THEY WERE BULKY AND HEAVY,

992

00:23:39,217 --> 00:23:40,552

AND THESE SMALL AIRPLANES

993

00:23:40,552 --> 00:23:41,987

DIDN'T HAVE A LOT OF POWER.

994

00:23:41,987 --> 00:23:43,922

SO MOST PILOTS JUST CHOSE

995

00:23:43,922 --> 00:23:45,023

NOT TO USE THE PARACHUTE

996

00:23:45,023 --> 00:23:46,258

BECAUSE IT WAS JUST TOO HEAVY

997

00:23:46,258 --> 00:23:47,125

AND TOO BULKY.

998

00:23:47,125 --> 00:23:47,826

>> OKAY, WE HAVE ANOTHER

999

00:23:47,826 --> 00:23:49,861

ONLINE QUESTION:

1000

00:23:49,861 --> 00:23:51,897

"HOW WERE PLANES PILOTED

1001

00:23:51,897 --> 00:23:53,665

"DURING WORLD WAR I?"

1002

00:23:53,665 --> 00:23:54,399

>> WELL, AIRPLANES

1003

00:23:54,399 --> 00:23:55,467

IN WORLD WAR I WERE FLOWN

1004

00:23:55,467 --> 00:23:56,034

JUST THE WAY

1005

00:23:56,034 --> 00:23:57,235

AIRPLANES ARE TODAY.

1006

00:23:57,235 --> 00:23:58,203

THE WRIGHT BROTHERS OF COURSE

1007

00:23:58,203 --> 00:24:00,205

INVENTED THE AIRPLANE IN 1903,

1008

00:24:00,205 --> 00:24:01,206

JUST TEN YEARS BEFORE

1009

00:24:01,206 --> 00:24:02,174

THE BEGINNING OF THE FIRST

1010

00:24:02,174 --> 00:24:03,074

WORLD WAR.

1011

00:24:03,074 --> 00:24:03,775

AND ONE OF THE THINGS

1012

00:24:03,775 --> 00:24:04,609

THAT'S SPECIAL ABOUT

1013

00:24:04,609 --> 00:24:05,544

THE WRIGHT BROTHERS' AIRPLANE

1014

00:24:05,544 --> 00:24:06,611

IS EVERY AIRPLANE FLIES

1015

00:24:06,611 --> 00:24:08,280

THE SAME WAY THEIR AIRPLANE DID.

1016

00:24:08,280 --> 00:24:09,614

SO OLD AIRPLANES FLY

1017

00:24:09,614 --> 00:24:10,515

LIKE NEW AIRPLANES.

1018

00:24:10,515 --> 00:24:11,149

>> OKAY.

1019

00:24:11,149 --> 00:24:11,750

LUCA, DO WE HAVE ANOTHER

1020

00:24:11,750 --> 00:24:12,851

AUDIENCE QUESTION?

1021

00:24:12,851 --> 00:24:13,652

>> YEAH, WE HAVE ONE

1022

00:24:13,652 --> 00:24:15,053

FROM OLIVIA.

1023

00:24:15,053 --> 00:24:16,254

>> HOW DID AMERICA

1024

00:24:16,254 --> 00:24:18,290

CONTRIBUTE TO WORLD WAR I?

1025

00:24:18,290 --> 00:24:19,224

>> WELL, THE FIRST WORLD WAR

1026
00:24:19,224 --> 00:24:21,526
BEGAN IN 1914, BUT

1027
00:24:21,526 --> 00:24:22,494
THE UNITED STATES DIDN'T

1028
00:24:22,494 --> 00:24:24,696
GET INVOLVED UNTIL 1917,

1029
00:24:24,696 --> 00:24:25,697
AND OUR TROOPS DIDN'T GET THERE

1030
00:24:25,697 --> 00:24:27,732
UNTIL EARLY 1918.

1031
00:24:27,732 --> 00:24:29,434
BY 1918, ALL THE SIDES

1032
00:24:29,434 --> 00:24:31,036
ON THE WAR-- THE BRITISH,

1033
00:24:31,036 --> 00:24:32,204
THE GERMANS, THE FRENCH--

1034
00:24:32,204 --> 00:24:33,038
WERE EXHAUSTED.

1035
00:24:33,038 --> 00:24:33,772
IT WAS A LONG,

1036
00:24:33,772 --> 00:24:34,840
DEBILITATING WAR.

1037
00:24:34,840 --> 00:24:36,107
SO THE FRESH TROOPS

1038
00:24:36,107 --> 00:24:37,008

FROM THE UNITED STATES,

1039

00:24:37,008 --> 00:24:38,276

AND OUR SUPPLIES THAT WE WERE

1040

00:24:38,276 --> 00:24:39,177

ABLE TO BRING TO THE ALLIED

1041

00:24:39,177 --> 00:24:40,612

SIDE, WERE THE FINAL PUSH

1042

00:24:40,612 --> 00:24:41,379

TO HELP THE UNITED STATES

1043

00:24:41,379 --> 00:24:42,848

AND THE ALLIES WIN.

1044

00:24:42,848 --> 00:24:44,282

>> LUCA, DO WE HAVE ANOTHER

1045

00:24:44,282 --> 00:24:45,584

AUDIENCE QUESTION?

1046

00:24:45,584 --> 00:24:46,585

>> YES, WE HAVE ANOTHER ONE

1047

00:24:46,585 --> 00:24:48,019

FROM WING YEN.

1048

00:24:48,019 --> 00:24:50,322

>> WHICH SIDE HAD MORE PLANES?

1049

00:24:50,322 --> 00:24:51,823

>> WELL, THE ALLIES--

1050

00:24:51,823 --> 00:24:52,757

THE BRITISH, THE FRENCH,

1051
00:24:52,757 --> 00:24:53,758
AND THE AMERICANS--

1052
00:24:53,758 --> 00:24:55,227
HAD MORE PLANES IN NUMBERS.

1053
00:24:55,227 --> 00:24:56,695
THE GERMANS AND THE AUSTRIANS

1054
00:24:56,695 --> 00:24:58,096
HAD FEWER PLANES.

1055
00:24:58,096 --> 00:24:59,064
PART OF THE REASON FOR THAT

1056
00:24:59,064 --> 00:25:00,732
WAS BECAUSE THE BATTLE

1057
00:25:00,732 --> 00:25:01,900
WAS FLOWN MOSTLY OVER

1058
00:25:01,900 --> 00:25:03,001
THE GERMAN LINES.

1059
00:25:03,001 --> 00:25:04,703
PARTLY BECAUSE OF THE LOCATION

1060
00:25:04,703 --> 00:25:05,971
OF WHERE THE TRENCHES WERE,

1061
00:25:05,971 --> 00:25:07,005
BUT ALSO BECAUSE THE WESTERLY

1062
00:25:07,005 --> 00:25:08,773
WINDS WOULD BLOW THE PLANES

1063
00:25:08,773 --> 00:25:10,075

OVER THE GERMAN LINES.

1064

00:25:10,075 --> 00:25:10,842

SO A LOT OF THE BATTLES

1065

00:25:10,842 --> 00:25:12,244

TOOK PLACE OVER GERMANY--

1066

00:25:12,244 --> 00:25:13,211

OR OVER FRANCE, ACTUALLY,

1067

00:25:13,211 --> 00:25:13,879

AND THE GERMAN SIDE

1068

00:25:13,879 --> 00:25:14,846

OF THE LINES.

1069

00:25:14,846 --> 00:25:16,982

AND THAT MEANT THAT A LOT

1070

00:25:16,982 --> 00:25:18,016

OF THE BRITISH AND FRENCH

1071

00:25:18,016 --> 00:25:18,817

AND AMERICAN AIRPLANES

1072

00:25:18,817 --> 00:25:20,719

WERE SHOT DOWN, SO THEY NEEDED

1073

00:25:20,719 --> 00:25:21,586

MORE AIRPLANES.

1074

00:25:21,586 --> 00:25:22,220

>> OKAY.

1075

00:25:22,220 --> 00:25:22,754

PETER, THANK YOU FOR

1076

00:25:22,754 --> 00:25:24,222

JOINING US TODAY.

1077

00:25:24,222 --> 00:25:25,290

THAT'S ALL THE TIME WE HAVE.

1078

00:25:25,290 --> 00:25:26,024

NOW, WE WANT TO REMIND YOU

1079

00:25:26,024 --> 00:25:27,158

THAT WE WILL BE BACK

1080

00:25:27,158 --> 00:25:28,393

IN AUGUST, AND WE WILL BE

1081

00:25:28,393 --> 00:25:29,527

ON THE ROAD FOR

1082

00:25:29,527 --> 00:25:31,596

THE GREAT AMERICAN ECLIPSE.

1083

00:25:31,596 --> 00:25:40,405

■■

1084

00:25:43,708 --> 00:25:44,776

>> HI, I'M MARTY, AND THIS IS

1085

00:25:44,776 --> 00:25:46,011

PASSENGER SEAT SCIENCE,

1086

00:25:46,011 --> 00:25:47,245

WHERE WE DO COOL SCIENCE-Y

1087

00:25:47,245 --> 00:25:48,280

STUFF IN THE CAR BECAUSE

1088

00:25:48,280 --> 00:25:49,214

WE'RE RIDING AROUND AND

1089

00:25:49,214 --> 00:25:50,015

WE DON'T HAVE ANYTHING

1090

00:25:50,015 --> 00:25:51,049

BETTER TO DO.

1091

00:25:51,049 --> 00:25:51,950

TODAY, I'M ON A ROAD TRIP

1092

00:25:51,950 --> 00:25:53,018

WITH MY BUDDY JOHN.

1093

00:25:53,018 --> 00:25:54,219

JOHN, HOW'S IT GOING?

1094

00:25:54,219 --> 00:25:55,153

>> NOT TOO GOOD, MARTY.

1095

00:25:55,153 --> 00:25:55,954

THE SUN'S IN MY EYES

1096

00:25:55,954 --> 00:25:56,621

EVEN THOUGH I HAVE

1097

00:25:56,621 --> 00:25:57,622

SUNGLASSES ON.

1098

00:25:57,622 --> 00:25:59,357

>> I AM GLAD THAT'S HAPPENING!

1099

00:25:59,357 --> 00:26:00,292

WELL, OKAY, JOHN, I'M NOT

1100

00:26:00,292 --> 00:26:01,059

GLAD IT'S HAPPENING,

1101
00:26:01,059 --> 00:26:02,227
BUT THERE'S SOME COOL SCIENCE

1102
00:26:02,227 --> 00:26:03,662
STUFF THAT WE CAN DO WITH IT.

1103
00:26:03,662 --> 00:26:05,196
TRY THIS: HOLD YOUR HAND UP

1104
00:26:05,196 --> 00:26:06,431
AND BLOCK THE SUN,

1105
00:26:06,431 --> 00:26:07,332
BUT MAKE SURE YOU CAN STILL

1106
00:26:07,332 --> 00:26:08,133
SEE THE ROAD.

1107
00:26:08,133 --> 00:26:09,000
DOES THAT HELP?

1108
00:26:09,000 --> 00:26:09,768
>> YEAH.

1109
00:26:09,768 --> 00:26:10,869
>> JOHN HAS JUST CREATED

1110
00:26:10,869 --> 00:26:11,636
AN ECLIPSE.

1111
00:26:11,636 --> 00:26:12,938
AN ECLIPSE IS ANY TIME

1112
00:26:12,938 --> 00:26:14,205
YOU BLOCK THE LIGHT COMING

1113
00:26:14,205 --> 00:26:15,440

FROM A CELESTIAL BODY.

1114

00:26:15,440 --> 00:26:16,474

TYPICALLY, THAT MEANS

1115

00:26:16,474 --> 00:26:18,109

THE SUN OR THE MOON.

1116

00:26:18,109 --> 00:26:19,844

HIS HAND IS CASTING A SHADOW

1117

00:26:19,844 --> 00:26:21,613

ACROSS HIS FACE JUST LIKE

1118

00:26:21,613 --> 00:26:22,948

AN ECLIPSE CASTS A SHADOW

1119

00:26:22,948 --> 00:26:24,215

ACROSS THE EARTH.

1120

00:26:24,215 --> 00:26:25,450

LATER THIS YEAR, THERE IS

1121

00:26:25,450 --> 00:26:26,918

AN ECLIPSE PASSING ACROSS

1122

00:26:26,918 --> 00:26:28,687

THE ENTIRE UNITED STATES.

1123

00:26:28,687 --> 00:26:29,487

IF YOU LIVE IN

1124

00:26:29,487 --> 00:26:30,855

THE UNITED STATES, YOU SHOULD

1125

00:26:30,855 --> 00:26:32,424

BE ABLE TO SEE THIS ECLIPSE.

1126

00:26:32,424 --> 00:26:33,258

>> EVEN ME?

1127

00:26:33,258 --> 00:26:34,659

>> EVEN YOU, JOHN.

1128

00:26:34,659 --> 00:26:35,493

AND IF YOU'RE IN THE RIGHT

1129

00:26:35,493 --> 00:26:36,795

LOCATION, YOU MIGHT SEE

1130

00:26:36,795 --> 00:26:39,230

A TOTAL SOLAR ECLIPSE.

1131

00:26:39,230 --> 00:26:39,998

TO LEARN MORE

1132

00:26:39,998 --> 00:26:40,865

ABOUT THE ECLIPSE,

1133

00:26:40,865 --> 00:26:41,766

BE SURE TO TUNE INTO

1134

00:26:41,766 --> 00:26:43,668

"STEM IN 30" ON AUGUST 16th

1135

00:26:43,668 --> 00:26:45,270

AND AGAIN ON AUGUST 21st

1136

00:26:45,270 --> 00:26:46,504

AS WE COME TO YOU LIVE

1137

00:26:46,504 --> 00:26:48,139

FROM THE PATH OF TOTALITY.

1138

00:26:48,139 --> 00:26:48,840

THIS HAS BEEN

1139

00:26:48,840 --> 00:26:50,408
PASSENGER SEAT SCIENCE--

1140

00:26:50,408 --> 00:26:52,077
SCIENCE YOU AUTO KNOW.

1141

00:26:52,077 --> 00:26:57,015

■■■

1142

00:26:57,015 --> 00:26:57,816
>> OF COURSE, I WANT TO

1143

00:26:57,816 --> 00:26:58,717
THANK PETER JAKAB FOR BEING

1144

00:26:58,717 --> 00:27:00,085
WITH US HERE TODAY.

1145

00:27:00,085 --> 00:27:00,685
I WANT TO THANK

1146

00:27:00,685 --> 00:27:01,886
CHARLOTTE GRANT OF

1147

00:27:01,886 --> 00:27:03,221
THE BELGIAN EMBASSY.

1148

00:27:03,221 --> 00:27:05,390
WITHOUT HER, WE PROBABLY

1149

00:27:05,390 --> 00:27:06,524
WOULD NOT HAVE HAD

1150

00:27:06,524 --> 00:27:08,560
SUCH A WONDERFUL SHOW TODAY.

1151
00:27:08,560 --> 00:27:09,794
AND I ALSO WANT TO THANK

1152
00:27:09,794 --> 00:27:11,896
AMBASSADOR AND MRS. WOUTERS

1153
00:27:11,896 --> 00:27:12,797
FOR INVITING US

1154
00:27:12,797 --> 00:27:14,899
INTO THEIR BEAUTIFUL HOME.

1155
00:27:14,899 --> 00:27:15,567
>> WE LEAVE YOU TODAY

1156
00:27:15,567 --> 00:27:16,735
WITH SCENES FROM THE NATIONAL

1157
00:27:16,735 --> 00:27:18,303
WORLD WAR I MUSEUM AND MEMORIAL

1158
00:27:18,303 --> 00:27:19,738
IN KANSAS CITY, MISSOURI.

1159
00:27:19,738 --> 00:27:20,505
THANKS FOR WATCHING.