



1  
00:00:11,910 --> 00:00:18,060

My name is Bill Allen and I'm a mechanical design engineer at NASA's Jet Propulsion Laboratory.

2  
00:00:18,060 --> 00:00:24,640

I will lead a design team through the primary life cycle of a project.

3  
00:00:24,640 --> 00:00:31,160

You know we design from the top down, so that being we start with nothing.

4  
00:00:31,160 --> 00:00:37,190

We have a lot of unknowns or first guesses and as we go forward we add more detail and

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00:00:37,190 --> 00:00:41,360

refine our design and update our guesses and so forth.

6  
00:00:41,360 --> 00:00:46,120

By the time you launch you have a finished product.

7  
00:00:46,120 --> 00:00:55,360

I am working on our next Mars rover, and I'm also working on a test program, and we want

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00:00:55,360 --> 00:01:00,399

to test new aides to help us land larger masses at Mars.

9  
00:01:00,399 --> 00:01:06,320

Being here 30 years, you know been here long enough to see change take place.

10  
00:01:06,320 --> 00:01:13,860

I think JPL is understanding enough to realize that the diversity of people in everything,

11

00:01:13,860 --> 00:01:19,690

the way they think, the way they act, their  
background, their education creates an environment

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00:01:19,690 --> 00:01:26,850

that's not only healthy but very productive  
for solving problems.