



CRITICAL SKILLS CHALLENGE BUILD A ROBOT

THE CHALLENGE

Your challenge is to design and try and make a robot. Think about the challenge when you looked at Shakey and ASIMO, what did they look like and what was their function? Be creative and think futuristic, what might robots look like in 20 years? Use any materials you have at home to try and make your robot if you can and if you're allowed!

Criteria	U	1	2	3	✓
Have a think about what robots you have seen in real life, in movies, on TV, in video games, what do they look like and what can they do?					
Design a robot that you think humans will create in 20 years. What might they do and what might they look like?					
Draw what it will look like and then take notes thinking about what you'd like your robot to do.					
Present your robot in an interesting way. You could use a poster, a Sway, a Power Point, an animation, or anything else you like.					
If you have time, equipment, and permission, create a model of your robot. Try to think about the environment when finding materials.					
You can use designs from robots you have seen before and change them however you like or it can be something completely new.					
The robots don't have to actually move if you don't have the materials, a model to show the look of the robot would be fantastic!					
Be creative and have fun with it!					