

CRITICAL SKILLS CHALLENGE ROBOTICS



THE CHALLENGE

This week we are looking at investigating 2 robots. In one corner, Shakey, the first attempt at an artificially intelligent robot. In the other corner, ASIMO, made in the year 2000 to be able to try and be more human. These two robots show a huge jump in technology and robotics and your challenge this week is to investigate them and why they were so advanced for the time they were built.

| Criteria | U | 1 | 2 | 3 | ✓ |
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| You need to investigate Shakey and ASIMO. Who built them, why were they built, when were they built, what could they do, what was so special about them at the time? | | | | | |
| Think about the people that built the robots, what were they trying to accomplish? | | | | | |
| What are the similarities between the 2 robots, what about them are the same? | | | | | |
| And also highlight important differences, what makes the robots different? | | | | | |
| Research these robots however you like, using internet, books, videos, people who might know? | | | | | |
| You should present your research and make sure to compare the robots in your presentation. You can present your research however you like. | | | | | |
| As an extension, design your own robot using ASIMO and Shakey as inspiration. What would your robot do, what would it be used for and what would it look like? | | | | | |