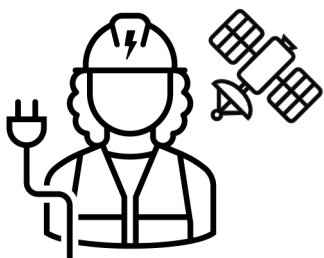


Now that you have programmed AL to get to the moon, let's learn a bit more about some of the exciting and important jobs there are in aerospace!

Aerospace is all about how we can make things fly in the sky and even travel into space! For this activity, you will need to work with an adult to think about some of the different jobs that are needed to go into space. You may think of being an astronaut, but there are so many more!

Below you will see two job adverts. Read through the information and see if you can find the correct answers to the questions below. Then, if you have time, move on to the next page.

Job title: Aerospace Engineer



Description: This job involves designing, building, testing, and looking after flying machines. You will also be responsible for fixing problems if they aren't working properly.

Important skills: Teamwork, problem solving, planning, and adapting.

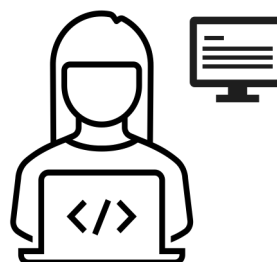
What type of machines do aerospace engineers work on?

What are two skills required for the role of an aerospace engineer?

What does a computer scientist or software engineer help to develop?

Can you explain what an algorithm is?

Job title: Computer Scientist
(or Software Engineer)



Description: This job involves developing algorithms, computer software, and aircraft computer systems. You need to test your algorithms carefully and debug!

Important skills: Problem solving, planning, and creativity.

Now, if you would like to, you can work on your own job advert!

Choose from the jobs below or research your own idea of a job working in aerospace. Be sure to include the job title, a picture, a description, and some skills that you think are important for the role!

Research Scientist



A space research scientist conducts experiments and gathers research to help develop the aircraft and spacecraft used in aerospace. They also help to research and gather information about the climate in space.

Skills needed include teamwork, planning and adapting.

Sewing Machine Operator



A sewing machine operator helps to make fabric things like parachutes and spacesuits. They must work with many different materials (which are sometime heavy) and be confident using measuring tools.

Skills needed include problem solving, planning and creativity.

Mission Controller



Mission controllers make sure a space mission is going ahead safely and as hoped. They watch and listen to the spacecraft during its journey and solve problems if anything doesn't go according to plan.

Skills needed include communication, teamwork and speaking.

Astronaut



Astronauts travel with the spacecraft into outer space. They clean and repair equipment, conduct scientific experiments and record data. It is important they stay fit and healthy to travel into space.

Skills needed include adapting, leadership and problem solving.

Job title: _____

Job description: _____

Skills needed: _____
