

# Prepare for Launch Experience Day



**More than just a red glowing sphere in a distant night sky, Mars is there to be explored!**

Rockets, capsules and even robots have been sent on missions to discover critical information that might help humans one day to live there. We need you to join our expert team at the STEM Space Station!

## Plan it to the planet

Imagine travelling in a spaceship of speeds of up to 28,500 km/h and spending 50 days on a Martian landscape. Using your mathematical and scientific skills, work out what food you need to take to ensure that you have a balanced diet of required nutrients for you to stay healthy throughout your mission.

## It is rocket science - Launch it!

By using your mathematical, technological and IT expertise, design and test your Mars rocket so that it arrives absolutely on target.

## Mars Mission - Robotic Rover

Mars has an extremely rocky and desert-like landscape. Program your roving robot to allow scientists to collect samples of Martian rock and soil to help them investigate the history of the planet.

## Audience

Young people aged 10-14

## Duration

1 Day

## Cost

£7 per person

## To book email

stemcentre@bdc.ac.uk  
020 3667 0411

