

### STEAM Challenges

#### Year 5 - Autumn 2



To be completed during the week beginning 10<sup>th</sup> November 2025

Complete a fact file about our solar system. It could information on:

- Different planets
- Phases of the moon
- The role of the sun and moon in the solar system.

# **Technology**

To be completed during the week beginning 17th November 2025 To prepare for some of our coding units. Complete levels 1 to 28 on rapid router, conditions and repetitions.

https://www.codeforlife.education/rapidrouter/

## **Engineering**



To be completed during the week beginning 24<sup>th</sup> November 2025 Learn about space engineering by designing something to explore space — like a rocket, rover, or space station!

Rocket – used to launch astronauts and satellites into space. Rover – a robot that explores planets like Mars. Space Station – a home for astronauts in space.

# Arts

To be completed during the week beginning 1st December 2025 Create a space scene using materials around your house. Sketching pencils/paints/chalk/watercolours.





To be completed during the week beginning 8th December 2025 Play the game dicey operations.

Maths **+** -

Find a partner and a six-sided dice, or preferably a 0-9 dice if you have one. Throw the dice. Each player decides where to place that number in their grid. Continue until all the cells are filled.

Whoever has the sum closest to 1000 wins.

https://nrich.maths.org/games/dicey-operations

Children in Year 5 can bring any STEAM Challenge work they complete into school or submit it to the year group homework email address year5homework@watlingprimary.org.uk