

Group Learning Tasks

1. Read or listen to some interesting information about space and the different planets.
2. Pick a picture or draw a picture of what you are writing a fact about.
3. Write a factual sentence about your picture such as '*Jupiter has a big red spot*' or '*The rings of Saturn are chunks of ice and dust*'.



Teacher Led

Key Questions

- What planet will you write a fact about?
 - Where could you find information about that planet?



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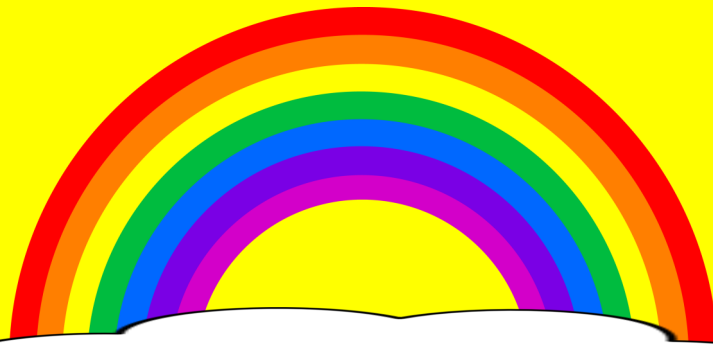
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Think you've got what it takes to tackle these stellar space puzzles? Test your talents with fun crosswords, sudoku, and more! Need a little help? No worries, you'll find solutions in the back of the book.



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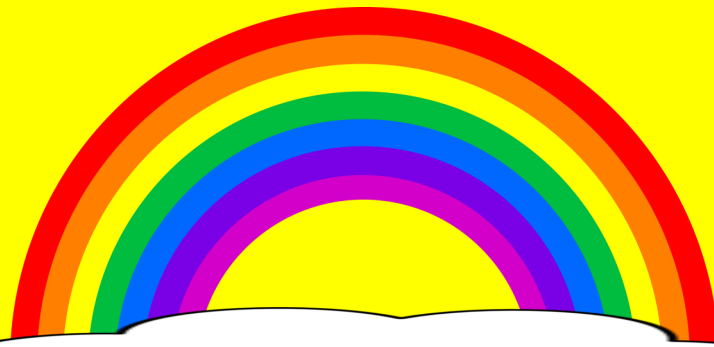


Yellow Challenge

Write a space acrostic poem

- 1. Think of some words that start with S, P, A, C or E.*
- 2. You could use a dictionary to help you find some of these words .*

sparkly planets cool
energy awesome creepy
exciting surprising



Yellow Challenge

Key Questions:

- *What space words can you think of?*
- *What describing words will you use?*
- *Can you think of a word beginning with...?*

S _____
P _____
A _____
C _____
E _____



moon



comet



star



rocket



astronaut



alien



flying
saucer



planets



dark



telescope

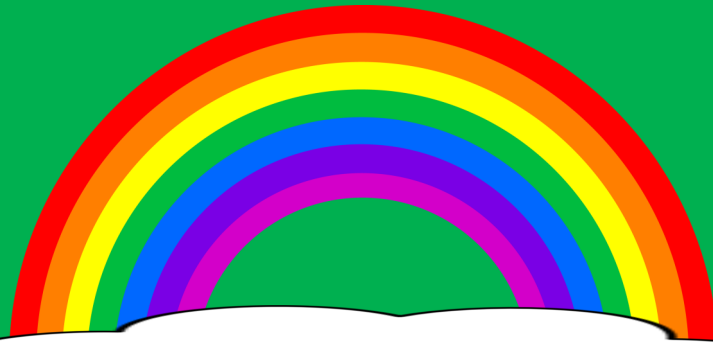


Create alien artwork using natural materials

- 1. Look at some different images of crop circles and other patterns that are rumoured to be made by aliens.*
- 2. Think about the materials you could use to make your own alien 'artwork'*
- 3. Arrange your artwork in a way that could be a special message from the aliens.*

Suggested Resources

Sticks, leaves, stones, pebbles and flowers.



Green Challenge

Key Questions

- *What signals might the aliens leave for us?*
- *What materials will you use to create a spiral?*





Make a 3D Rocket

1. Draw your design on paper—think about the different parts of the rocket and maybe even do some research, looking at photos or videos of rockets.
2. Think about the different shapes you have used in your design—what 3D shapes could you use to make these?
3. Gather some different building materials, if you're using recyclable materials think about how you're going to stick them together.
4. Get building!

Suggested Resources

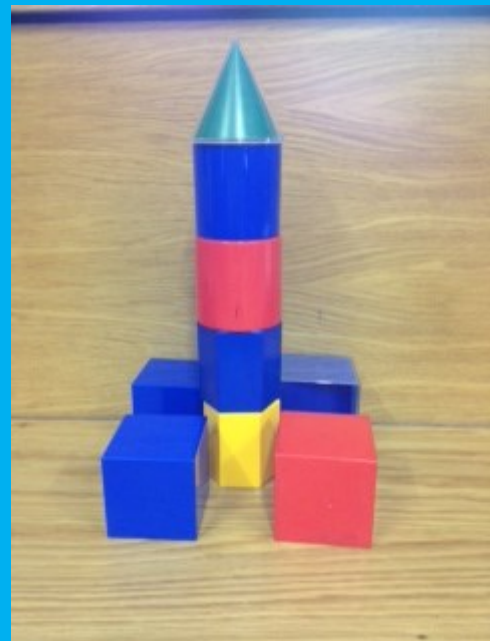
Building blocks, lego, other construction toys, recyclable materials



Blue Challenge

Key Questions:

- What 3D shapes are you using?
- What are the shapes called?
- How will you arrange them so that your rocket stands?

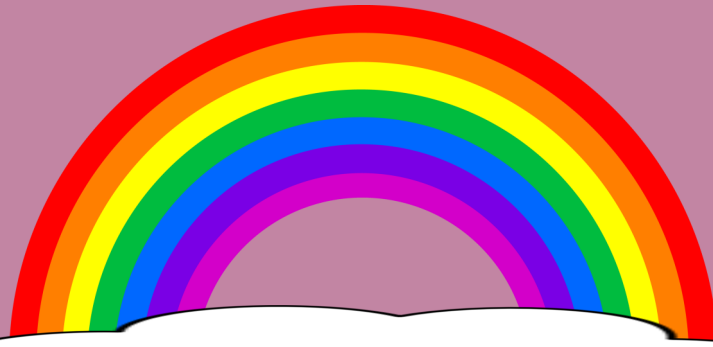




Create an astronaut 'boot camp'

1. Think about all the exercises astronauts might need to do so they are ready for space, i.e. jumping, crawling, picking up heavy objects, spinning.
2. Find some equipment to build some obstacles for the astronauts
3. Try out your boot camp and see if you feel ready to be an astronaut afterwards!

Suggested Resources: chairs, hula hoops, balls, things they can climb over or under

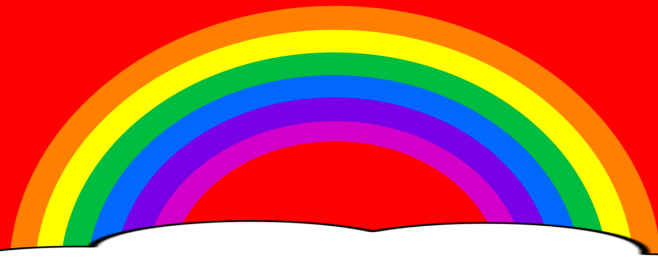


Purple Challenge

Key Questions

- What sort of obstacles might you make?
- What parts of the body will you use?
 - How will you move your body?

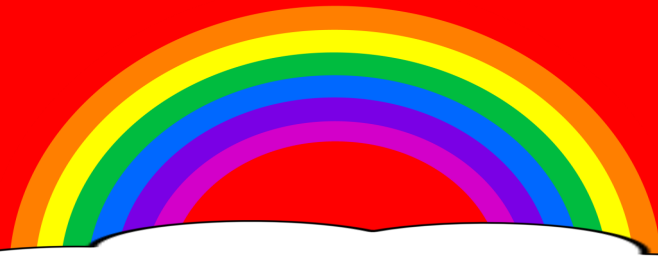




Red Challenge

Make a planet

- . *How will you make a sphere using these resources?*
 - . *Which planet are you making?*
 - . *How will you add colour and detail such as rings and moons?*



Red Challenge

