

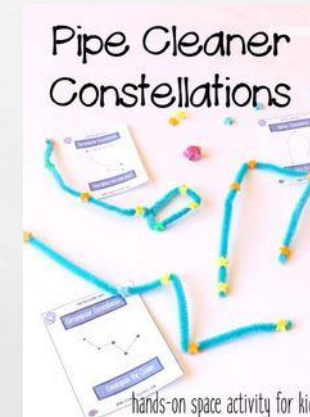
YEAR 2 – WEEK 5 THEME LEARNING

When you have **completed an activity take a photo, then upload it onto purplemash**, you can also leave a note to tell us how you found the learning and if there was anything that you found tricky. We will give you some feedback when once you have finished. You can also email pictures of your work into school using the following email address [**ks1@wouldham.Kent.Sch.Uk**](mailto:ks1@wouldham.Kent.Sch.Uk).



Monday – Art

- Up in the sky at night there are lots of stars but did you know that there are groups of stars called constellations?
- Constellations are a group of stars that look like they are in a line or a pattern.
- You can learn more about constellations by watching this video.
WHAT ARE STARS AND CONSTELLATIONS? – YOUTUBE
- Task: create your own constellation. You are going to use a chosen artistic technique to make a constellation of your choice. For example you could use chalk, paint, pencils, sticks, pasta or even fabric & thread.
- Once you have made your constellation, you could then have a go at designing your own.
- Don't forget to upload your art onto purple mash or send it on 2email.



Tuesday – Science

- Today for science you are going to be exploring forces.
- You are going to have a go at making your own rocket that can take off.
- However there won't be any jet fuel or explosion, your rockets are going to be powered by the air in your lungs.
- All you need to know to make your rocket is on the right and there is a rocket template on the next page.
- For the experiment you are going to explore how high or far the rocket can fly with different breaths. You may want to time how long you blow air in the straw. For example 1sec, 2sec, 3sec, 4sec, 5sec, etc.
- You could then measure how far your rocket flew each time using a measuring tape.
- On purple mash there is a 2do that you can use to record your results. How will you keep your test fair and the same, use the 2do to help you.

Equipment per child

- 1 thin bendy straw
- 1 thicker straw (eg milkshake straw)
- Rocket template
- Sticky tape
- Scissors
- Coloured pens

Notes

1. Seal the end of the straw with the least amount of tape possible, otherwise the rocket will nose dive
2. An alternative to a thicker straw, is a small piece of paper (approx. 5 cm width), the same length as the rocket, wrapped around a pencil and taped together. Remove the pencil before folding/taping the end

Procedure

1. Colour in the rocket template and then cut it out
2. Cut a piece of the thicker straw to approximately the same length as the rocket
3. Pinch the end of this straw together and put a piece of sticky tape over the end to tape it securely shut
4. Test there are no air leaks by blowing into the straw
5. Tap this straw to the back of the rocket. Ensure the closed end is at the top of the rocket
6. Slide the thin straw into the thicker straw and angle the rocket ready for launching
7. Blow a big puff of air into the thin straw and watch the rocket take off



The rocket and thick straw



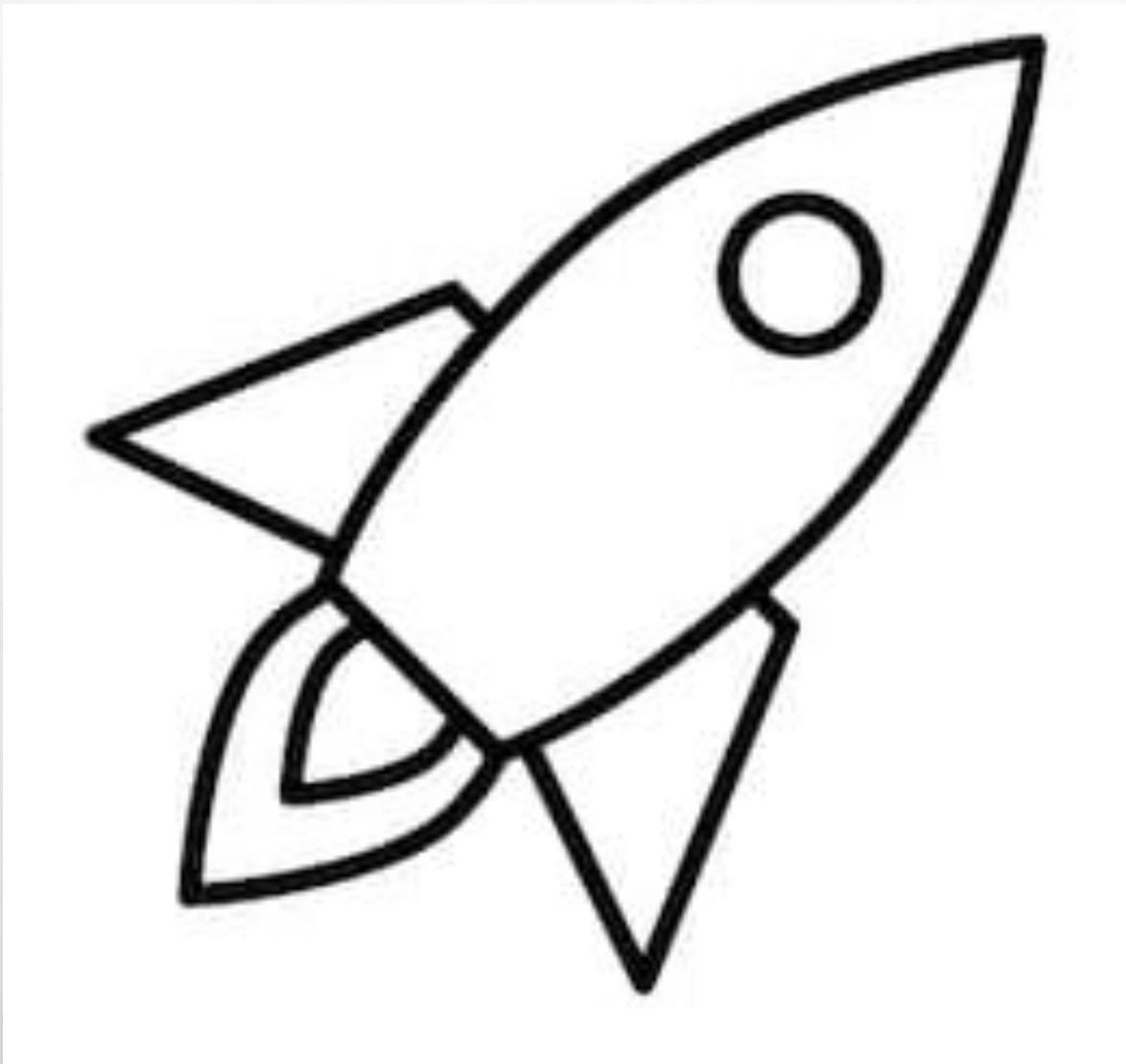
Squeeze and tape the end



Stick to the rocket



Put the thin straw inside the thick one



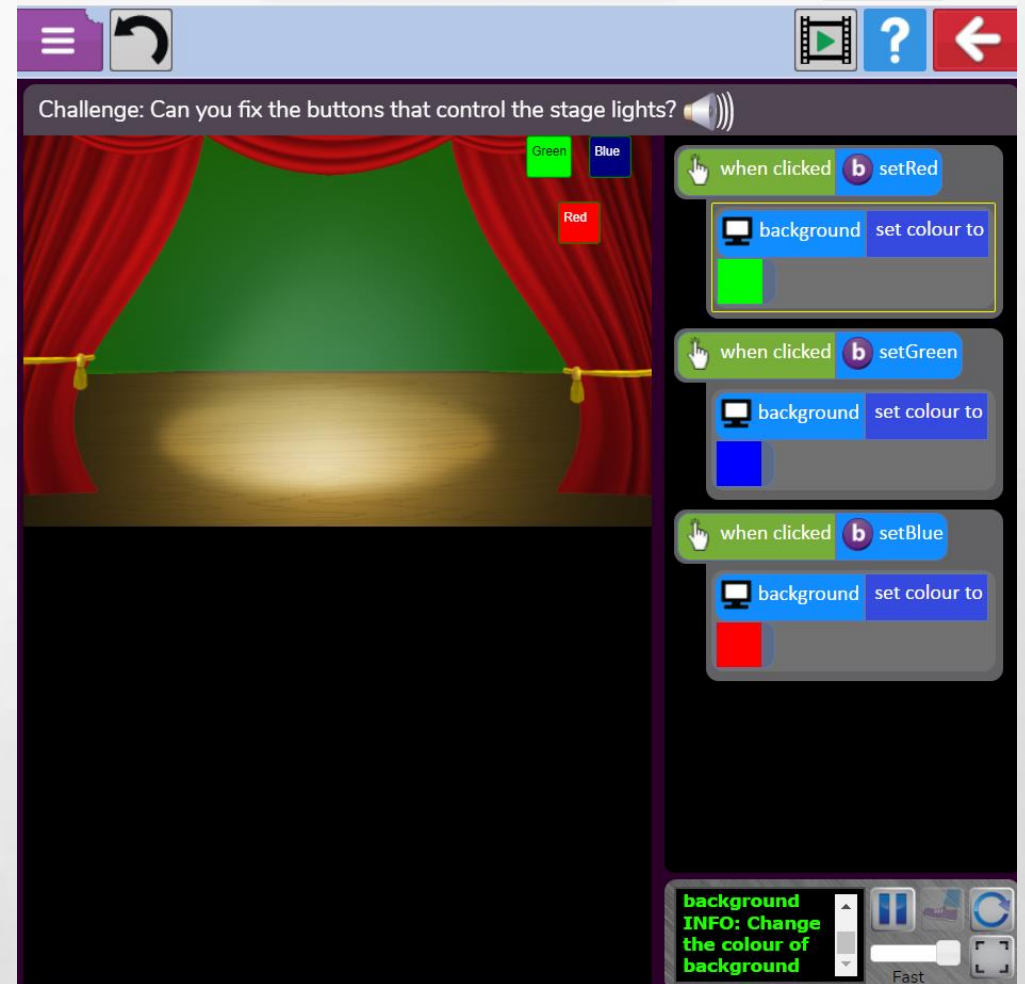
Wednesday – Geography

- Can I explore the physical features of Earth and its moon.
- Last week you looked from space at the different features of earth and learnt about the continents.
- This week you are going to compare the physical feature (what god made) between the Earth and the moon.
- Click on the moon picture to learn more about the moon.
- Using the activity set on purple mash or on a piece of paper list the similarities of the differences between the moon and the Earth. You may wish to draw some pictures as well.
- Use this link to look at the moon [**EARTH'S MOON – NASA SOLAR SYSTEM EXPLORATION**](#)
- You can view the earth on google earth or by finding it on the same website as the moon view.
- Star challenge - use this link to see all of the solar system, what other planets can you compare to Earth? [**OUR SOLAR SYSTEM – NASA SOLAR SYSTEM EXPLORATION**](#)



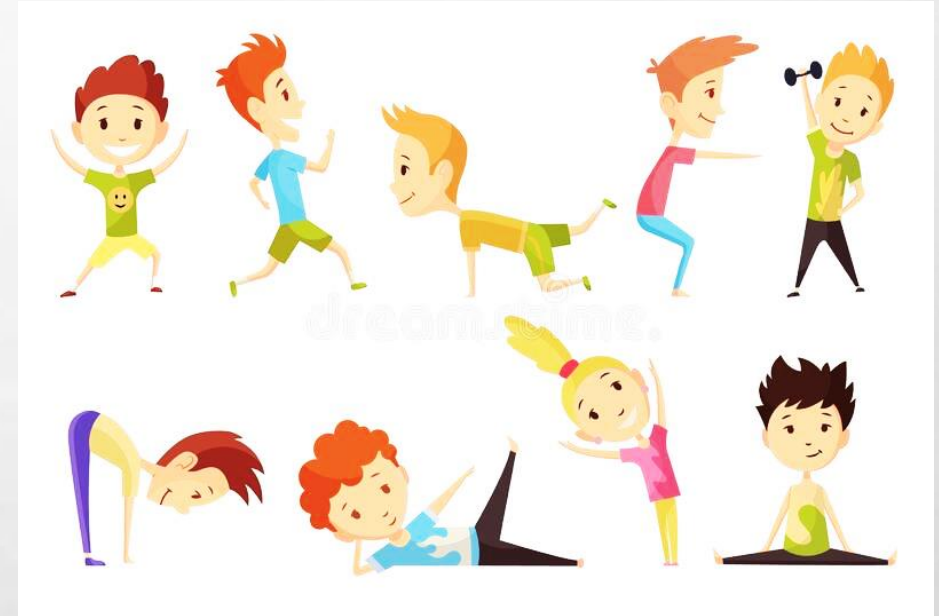
Thursday – ICT

- You are going to be learning about debugging a computer program today.
- Debugging is used when there is a problem in a computer program making it not work properly. This is when the code is broken or wrong and needs to be fixed. For example you character keeps moving or jumping when it should be still.
- Open the activity on purple mash [debug challenges chimp](#). The code in this game is broken and is not doing what it should be.
- Read the challenges carefully to understand what should be happening. (when you open the activity a video and help box should come up to help you, if it doesn't just click on the button at the top)
- Try the different parts of the game to see what is happening, watch the code on the right as well.
- Your job will be to change the code to debug it and fix the game so that it will work correctly.



Friday – Gymnastics

- Today you are going to practise your balances and rolls and learn how to do them safely.
- Watch the gymnastic videos for today's lesson (they can be watched all in session, or over a couple of days whatever works best for you)
- **[AN INTRODUCTION TO BASIC BALANCE \(THENATIONAL.ACADEMY\)](#)**
- **[EXPLORING TRAVELLING MOVEMENTS \(THENATIONAL.ACADEMY\)](#)**
- **[EXPLORING LINKING ROLLS AND BALANCES \(THENATIONAL.ACADEMY\)](#)**
- You will need: A clear space that is safe to exercise in, something to watch the videos on and an adult to help make sure you are exercising safely and help you if needed.
- Make sure you are wearing appropriate clothing for gymnastics and you will need to work in bare feet so make sure the floor is also clear.



RE, PSHE & Talk time

For PSHE this week take some time to talk with your family about the following questions.

What is a goal that you would all like to work on together?

Think about the following questions for how to achieve your collective goal.

- How is everyone going to work towards the goal?
- Has everyone on your group got a job?
- Is everyone clear in your team clear on the design of your bird?
- Is everyone clear in your team what their role is?
- Can you stop and think of an idea to use to help your group get on better with the task?
- Have you got any ideas about how to solve problems when people in the group disagree?
- What's working well in your group?



This week we are thinking about how bible stories can help us with prayer and how Christians use the bible to help them with praying to god. Watch the following clip to help you:- [youtu.Be/dv8dhsxjld8](https://youtu.be/dv8dhsxjld8) now create a wonderful picture to go with your prayer last week to add to our prayer book. Can you think of a bible story to draw a picture about?