

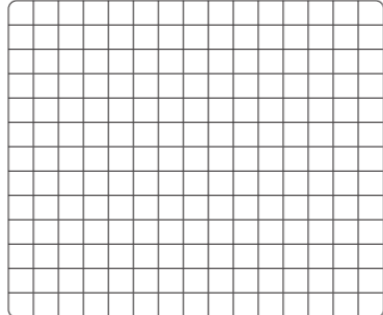
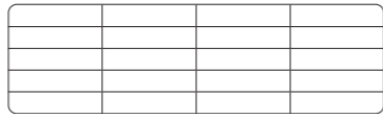






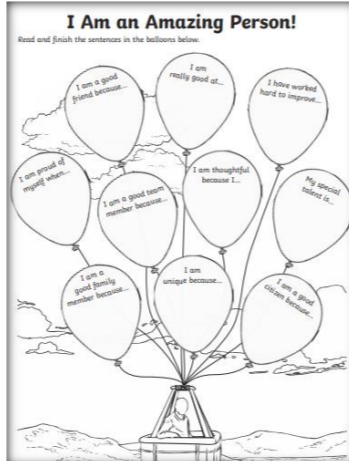



We've loved seeing all your work in the past few weeks. As we move in to the second week of the Whit mid-term holidays we've created more activities for you to enjoy.

If you pick one a day, we are sure that you will keep busy each day.

Remember to pop a photo or a comment onto Teams and let us see what fun you have been having. Enjoy your break, **Miss Chafer, Miss Griffin and Miss Harris.**

Upper Key Stage 2 - Whit Holidays Activities- Week 2 - Non-screen activities you can do at home.

<p>Writing</p> <p>Choose one of the 'Busy Box Challenge' cards to complete.</p> <div data-bbox="103 493 513 777"> <p><small>Busy Box Challenge Cards</small></p> <p>Write from the perspective of a well-known character from a traditional tale. Explain what they were thinking and feeling during the key events of the story.</p> <p>Add a twist which explains to the reader that the original tale was recorded incorrectly.</p>  </div> <div data-bbox="103 787 513 1071"> <p><small>Busy Box Challenge Cards</small></p> <p>Imagine that this character has a secret.</p> <p>What might their secret be? Who knows about it? What could happen as a result?</p>  </div>	<p>Spelling</p> <p>Can you create a word search for a friend using the Y5/6 spelling words?</p> <p>Scroll down to use the big template below to create it.</p>  	<p>Wild Challenge</p> <p>It's time to go on a safari... a bug safari! Can you spot a wolf (spider), dragon (fly) or tiger (moth) in your green patch?</p> <p>From beautiful butterflies and dainty ladybirds to slimy slugs and impressive shield bugs - no matter where you are, you're sure to have a critter-packed safari.</p> <p>You can find bugs everywhere - under logs and rocks, beneath pots, on leaves, in the grass and on walls. Just remember, to them you're a GIANT! So be very gentle to avoid hurting these tiny creatures.</p> <p>Have a go at making a pooter using the instruction below to help you see nature up close.</p>	<p>Maths</p> <p>Complete one of the 'Outdoor Maths Challenge Cards' while out during your daily exercise.</p> <div data-bbox="1587 535 1973 798"> <p><small>Outdoor Maths</small> ★★★</p> <p>Find a variety of sticks. Break some of them into halves or quarters and turn your sticks into a fraction wall!</p>  </div> <div data-bbox="1587 829 1973 1092"> <p><small>Outdoor Maths</small> ★★★</p> <p>Give your partner a magic number (e.g. 100). Estimate how far you will walk to if you walk 100 steps. Count it out and find where you finish. Were you right? Did you go further than you thought you would?</p> <p>Is it possible to go 100 steps in every direction from where you are standing? Why?</p>  </div>	<p>History/ Art</p> <p>Can you create your own Blitz inspired Artwork? What colours will you use? What methods will you use? See examples below.</p>  	<p>Geography</p> <p>Complete the 'Geo Challenge'.</p> <p>Can you match up the 12 country's flag, the part of the map and the images?</p> 
<p>Science discussions</p> <p>What if there was no gravity?</p>  <p>Gravity is a force that acts between objects. On Earth, gravity pulls objects (including people!) towards the Earth. As well as keeping us grounded, gravity is responsible for keeping planets in orbit around the Sun.</p> <p>You might have seen astronauts on the Moon leaping much higher and further than they could on Earth - this is because there is gravity on the Moon, but the force pulling them back to the ground is not as strong as it is on Earth. The larger something is the stronger the gravitational pull, which is why the Earth has a stronger pull than the Moon.</p> <ul style="list-style-type: none"> • What would be easier/harder without gravity? • How might the absence of gravity change life on Earth? 	<p>Perspective</p> <p>During difficult times it is sometimes easy to forget just how amazing each and every one of us are and how we are all unique.</p> <p>Take a moment to remember all the great things about yourself and fill in the 'I Am an Amazing Person!' worksheet. We would love to read all of these to remind us how special you all are to us.</p> 	<p>DT</p> <p>Design and make your own parachute to experiment with air resistance.</p>  <p>When conducting the experiment, ask yourself:</p> <ul style="list-style-type: none"> • What might happen if you made the parachute bigger? • What might happen if you made the toy figure bigger? • Why did we use bin bags as a material for our parachute? • What properties do you think the ideal material for a parachute should have? <p>You will need: a bin liner, string, safety scissors, a ruler, tape and a small toy figure.</p> <p>Use the instructions below to help you.</p>	<p>Science: ISS Mission</p> <p>Time for a brain (and body) twisting game! Using your flexibility and agility, we want to see you navigate your way to the ISS on a course of hand and footprints. The goal is to go as fast as possible from the beginning to the end without any mistakes: at each row you must always touch the paper with either hands or feet that match the picture on the card.</p> <p>You can watch a quick guide to it on the ESA website</p> <p>Set-up: To complete this activity, start off by drawing or painting handprints and footprints on cards. We recommend 36 cards : 8 from left hand, 8 from right hand, 8 from left foot, 8 from right foot. Print out or draw a picture of the ISS. Place 3 cards in a row to the floor, mixing and matching the handprint and footprint cards, with the ISS at the end of the course. Have a timer ready to record how fast you complete the course.</p>		

Upper Key Stage 2- Whit Holidays Activities - Week 2- Activities involving technology

Spanish



We hope you've all been enjoying learning more Spanish on Duolingo and Rockalingua over the last few weeks

BBC Bitesize have loads of videos and links to help you recap on your Spanish language skills.

They also add a new Spanish lesson to watch online every day.

<https://www.bbc.co.uk/bitesize/subjects/zxsvr82>

Trips

Getting bored at home? Can't get out and about?

Let the museums/ aquariums/ concerts/ theatre shows come to you. Take a tour around the venue of your choice [here](#). Check out the aquarium and zoo cams!

You can share virtual trip experience on in your Purple Mash blog or on Microsoft Teams.



PE

It's important during this time to stay as active and healthy as you can. Physical exercise is great for mental health too.

This website from the Youth Sport Trust is filled with amazing ideas to get you on your feet and moving.

Try a new one each day and if you find one you really enjoy don't forget to tell us about it on Teams so everyone can enjoy.

<https://www.youthsporttrust.org/pe-home-learning>



Computing

During lockdown and our time at home, everyone will be getting up to different things. Everyone's experience will be different. Lots of us have enjoyed spending time with our family, going outdoors or taking up a new hobby! What have you been getting up to?

Using [Purple Mash](#) go on to 2Blog and your own personal blog page. Use the blog to share your experiences of being at home with your class mates.



Geography

Can you use Digimaps (Username: **SK145PL** and Password: **jarves84**) to find these rainforests:

- Amazon Rainforest
- Congo Rainforest
- Daintree Rainforest
- Valdivian Temperate Rainforest
- Sinharaja Forest Reserve

Can you identify what countries each of these rainforest are in? Be careful, some rainforests may be in more than one country as they are so big!



Science

What would you investigate on the ISS?



The International Space Station is an orbiting laboratory on which hundreds of experiments have been conducted. Take a tour of the International Space station [here](#).

Astronauts (or Cosmonauts if trained by the Russian Space Agency) live on board the ISS and conduct the experiments. The experiments help us learn more about living and working in space but also help us with things back on Earth. Cancer research is one of the many things that happened on board during Tim Peake's mission. For example [the Royal Horticultural Society](#) sent rocket seeds to space for schools to investigate if the effects of being in space would affect how rocket seeds germinated and grew back on earth.

Think about what we take for granted on Earth every day. What might be affected in micro gravity aboard the Space Station? What would you investigate? How would you do it?

Write a brief description of your investigation and include your prediction.

https://www.nasa.gov/mission_pages/station/main/suni_iss_tour.html

Busy Box Challenge Cards

Write from the perspective of a well-known character from a traditional tale. Explain what they were thinking and feeling during the key events of the story.

Add a twist which explains to the reader that the original tale was recorded incorrectly.



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Busy Box Challenge Cards

Imagine that this character has a secret.

What might their secret be?

Who knows about it?

What could happen as a result?



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Make a pooter

Here's a really clever way for you to catch bugs and see them up close. And all you need to do is suck!

- 1** Ask an adult to make straw-sized holes in the lid and the bottom of the container.
- 2** Cut off the bottom quarter of the straw at the non-bendy end. Keep both pieces.
- 3** Wrap your cloth or tights around one end of the long piece of straw and hold it in place with the elastic band.



- 4** Push the other end of the long straw through the lid of the container so the covered end is in the pot.
- 5** Push the short straw through the hole in the bottom of the container.



You will need

- Small clear container with a lid
- Hammer and nail or scissors (to make a small hole)
- Bendy straw
- Small piece of thin material such as a kitchen cloth or tights
- Elastic band
- Plasticine

- 6** Seal the spaces around both holes with plasticine.



- 7** Fit the lid back on the container. You're ready for action.

Bug catching!

Hold the end of the shorter straw over your bug and suck on the longer straw. The bug will be sucked up inside.

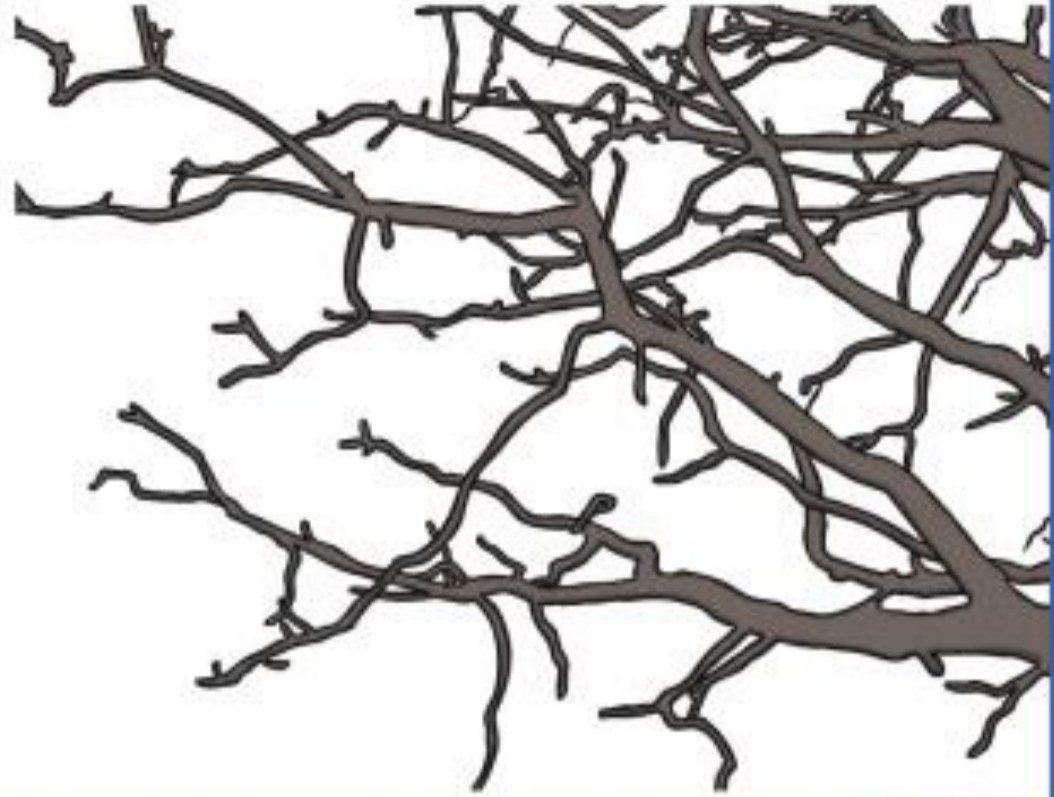
Be bug-kind

Only try to suck up bugs that are small enough to go safely through your straw. And please don't keep them for long – release them where you found them as quickly as possible.

Outdoor Maths



Find a variety of sticks. Break some of them into halves or quarters and turn your sticks into a fraction wall!



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Outdoor Maths



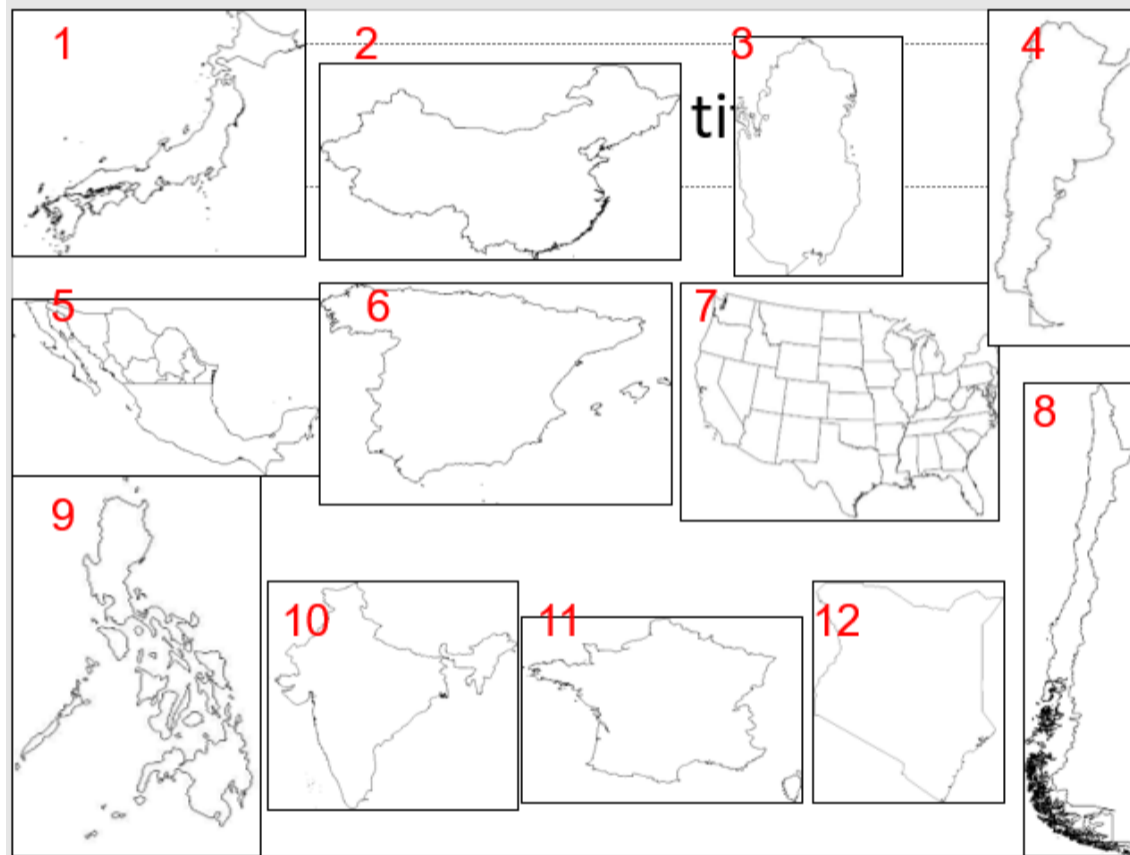
Give your partner a magic number (e.g. 100). Estimate how far you will walk to if you walk 100 steps. Count it out and find where you finish. Were you right? Did you go further than you thought you would?

Is it possible to go 100 steps in every direction from where you are standing? Why?



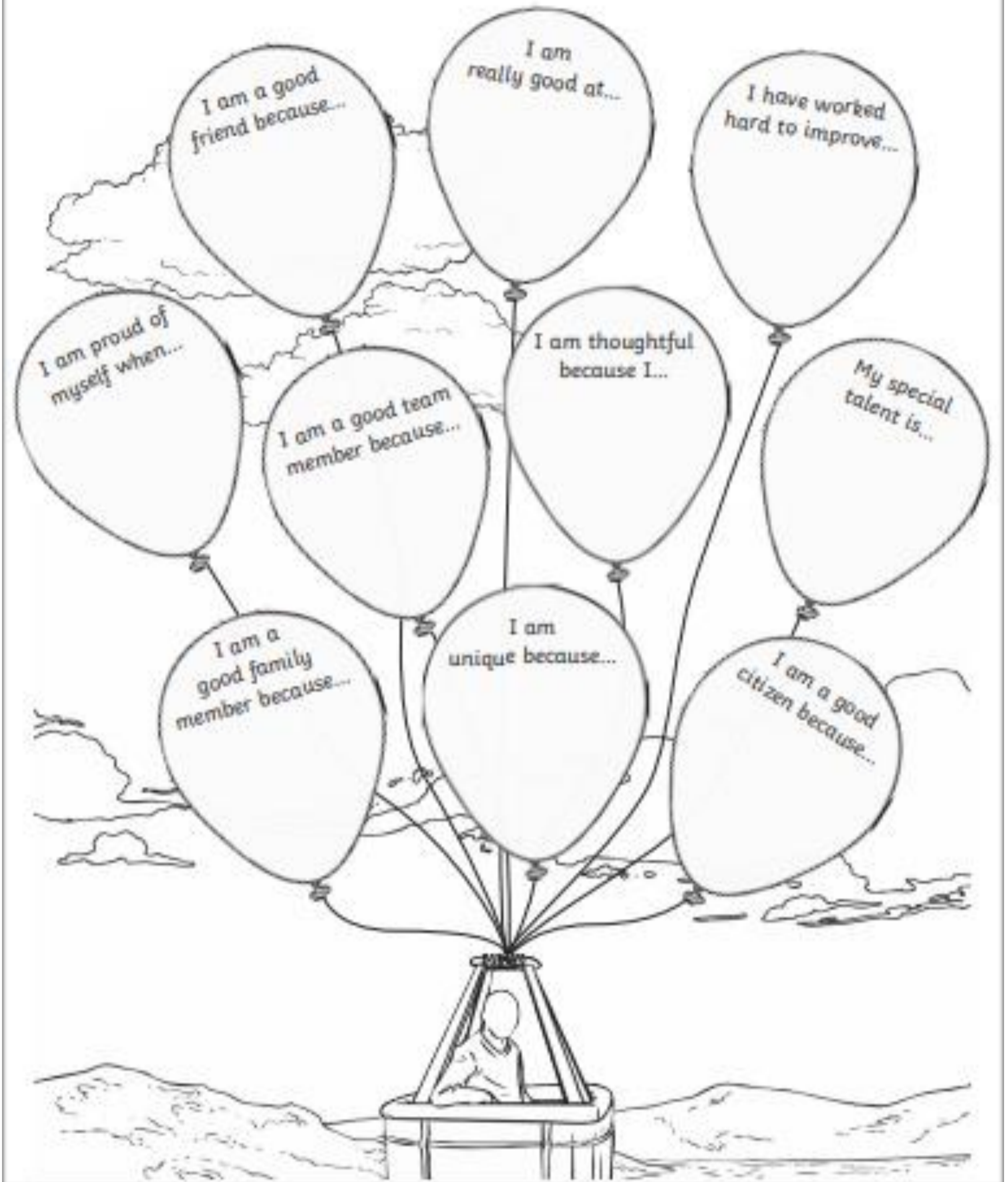
[twinkl.co.uk](https://www.twinkl.co.uk)

Geography - Geo Challenge



I Am an Amazing Person!

Read and finish the sentences in the balloons below.





DIY Parachute



What Do I Need?

- A bin liner
- String
- Scissors
- A ruler/tape measure (to measure the materials accurately)
- Sticky tape
- A small plastic toy figure (like a soldier) to be the parachutist, or some pipe cleaners to make one

How Do I Do It?

1. Cut a 30 cm square out of your bin liner.
2. Make a hole in each corner.
3. Cut 4 lengths of thin string, each 30 cm long.
4. Feed a piece of string through a hole in one of the corners of the bag and tie a knot in one end to secure it in place.
5. Repeat this for each corner so you have one string on each corner of your bin bag square.
6. The strings need to be the same length. Hold all four corners of the parachute together where you've tied the strings. Pull the strings straight and tie them together, about 5 cm away from the loose ends.
7. If you haven't got a small toy you could make one with pipe cleaners, making a loop for the head and bending the pipe cleaners to make arms and legs.
8. Attach the loose ends of the string to the toy figure. If your toy is light you may need to add some weight to help it work. Some modelling clay will work well.

Skill Level:

Easy

Time

10 minutes

Safety Advice:

IMPORTANT GENERAL SAFETY NOTE FOR SUPERVISING ADULTS: This Terrific Scientific investigation has been devised so that with adult supervision, reasonable care and by following the instructions provided, no special safety equipment or knowledge is required to enjoy the experience safely. These safety reminders are designed to assist the supervising adult when planning and carrying out the investigation. Please read the instructions fully before starting.

- Take care when launching the parachute.
- If you are working outside ensure you keep a safe distance away from the launch and avoid breakable objects.
- If you are inside ensure no one leans over a ledge/height when launching.

What's Happening? The Sciency Bit:

When an object falls there are two main forces acting on the falling object; gravity (downwards) and air resistance (upwards, also called drag). Without the parachute gravity is much greater than air resistance so an object falls quickly. When the parachute opens the canopy increases the air resistance so the upward force increases and the parachutist falls slowly.

What might happen if you made the parachute bigger? Why did we use bin bags as a material for our parachute? What properties do you think the ideal material for a parachute should have?

My Parachute Won't Open... What Can I Do?

- You may have wrapped the string too tightly around the parachute. Wrap it again more loosely.
- The toy figure may be too light. It needs to have some weight to pull the strings down and start the parachute opening. You could attach some modelling clay. Try to avoid something hard with sharp edges in case it lands on something breakable.
- My parachute keeps floating to one side; this can happen if the strings are not the same length. Untie the strings from the toy figure and undo the knot. Check that all the strings are of the same length and try again.