

# Dear Parent,

Your mission, if you choose to accept it, is to deliver some secret summer learning to your children! The aim of this pack is to help children learn without realising; develop basic skills and life skills which will come in handy when they return to school in September - and beyond! You can encourage your child by showing them the checklist of tasks and for each one that they complete they can add a medal sticker to the included chart. How many charts can they complete? With your help it will be no problem! Tick off the activities you have done as you go!

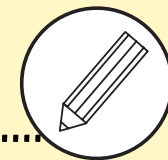


## Please give this ticket to the special participant!

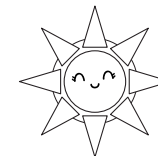
I will take part in the **SUMMER CHALLENGE**  
and level up all my skills as I complete each special task!

Signed: .....

Date: .....



**CONGRATULATIONS! YOU ARE NOW A VERY SPECIAL PARTICIPANT IN THE ...**



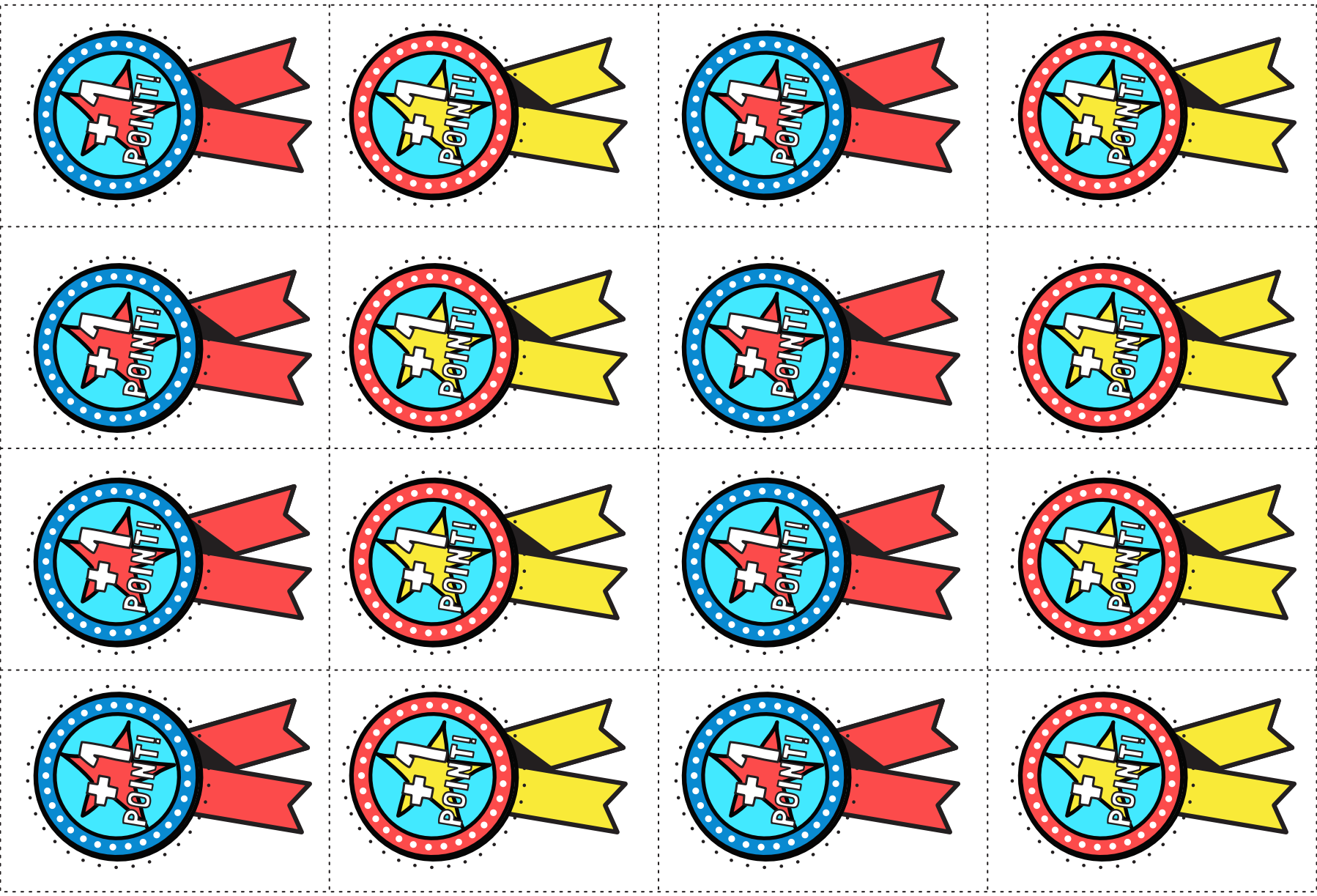
**SUMMER CHALLENGE!**

Levelling up

# Chart!

How many points  
do you have so far?

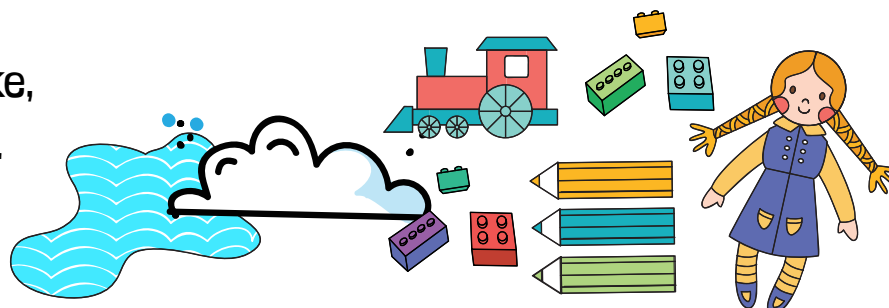
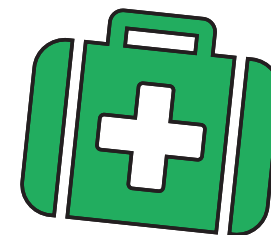

Cut out these points rewards and stick them onto the chart!

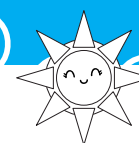




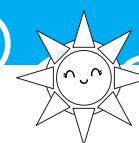
- 1 Learn how to tie the laces of your shoes.
- 2 Learn how to play card games and board games that your family loved when they were younger. Write instructions on how to play for other members of your family and friends who don't know the rules.
- 3 Learn how to make a sandwich.
- 4 Learn off by heart the ingredients for a cake.
- 5 Learn how to prepare your favourite fruity snacks.
- 6 Learn how to make your bed and put your clothes away.
- 7 Have a go at taking the stabilisers off your bike, or riding it confidently if you already know how.

- 8 Learn how to wrap a present.
- 9 Learn some basic first aid.
- 10 Learn what you would do if you were lost and how to find help.
- 11 Learn how to set the table.
- 12 Learn how to make an emergency phone call and role play the questions you would be asked, with an adult.
- 13 Learn your full address and the full names of your family members.
- 14 Practise washing up by washing your toys.





- 1** Sort your family members into height order. Who is the tallest? Who is the shortest? Is the tallest family member the eldest family member?  
**Complete our Year 1 measurement booklet.**
- 2** **Year 1 Zoo Maths Activity Pack.**
- 3** **Minecraft addition sheets.**
- 4** **Maths learn at home pack.**
- 5** Make a **halving** and **doubling** machine.
- 6** Draw around the hands and feet of family members. Use the hands to practise counting in 5s and the feet to practise counting in 2s. Then count in 10s when you put the toes or fingers together.
- 7** **Times table mini booklets.**
- 8** **Colour by number art.**
- 9** **KS1 times table activity pack.**
- 10** **Times table treasure hunt.**
- 11** **Multiplication wheels.**
- 12** **Year 1** and **Year 2** times table challenge cards.
- 13** Make a calendar of the year. Write the names of all the months and then fill in the names and dates of important birthdays and events. Add in the season changes and when the clocks change too.
- 14** On the back of your wardrobe door use a book and a pencil to make height lines for all your family. Write their name and age so you can check if anyone has grown in a few months.



**15** **Play shops.** Write price labels for all the items and invite your family to come shopping.

**16** Make a jug full of fruit smoothie then work out how many cups you can fill from your jug.

**18** Make two different paper aeroplanes then measure how far they can fly. Add to find the total distance flown or subtract to find how much further one went than another.

**19** Do a 2D and 3D shape hunt around the house. How many different 3D shapes can you find in the food packaging you have in your cupboards?

**20** **2D** and **3D** shape challenge cards.

**21** Get all the chairs in your house together and organise them into a 'bus', make tickets for people to come on and use real money so they can

pay and you can give them change. Make a bus timetable.

**22** Play dominoes to work on your counting, doubling and matching skills.

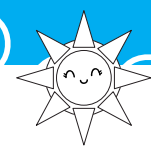
**23** Do coin rubbings then use them to help you learn the values of all the coins.

**24** **Year 1 / Year 2 money challenge cards.**

**25** Make a matching game where you have to match numbers written in digits to numbers written in words. Start with 1–20 then extend up to 50.

**26** **Read and write numbers activity.**

**27** **1–20 peg recognition game.**



**28** Make a card game where you have to find number bonds to 20 as fast as you can.

**29** **Number bonds within 20 car park game.**

**30** Pick a number between 10 and 20 and make a poster showing all the different ways you could make that number using addition, subtraction, division and multiplication.

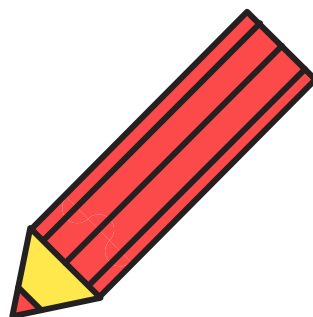
**31** Learn to tell the time. Play lots of games where you need to use a timer to help understand how long units of time are. You could try simple games like "everyone saying stop" - everyone has to stay "stop" when they think a minute has passed. Whoever is closest to the time period wins.

**32** Design a new milkshake. Weigh the ingredients you will need for your recipe (e.g. strawberries), does the weight change before and after you prepare them? Which measuring jug would be best? How many ml of milk will you need? How many people will drink it? What fraction will you need to share your milkshake into?

**33** Turn your washing line into a number line. Practice counting in 2s, 5s and 10s then in other multiples like 3s, 4s and 6s.

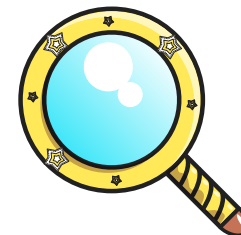


- 1 Summer reading challenge pack.
- 2 Year 1 SPaG workbook.
- 3 Year 2 SPaG workbook.
- 4 Year 1 zoo project.
- 5 Learn from your own bookshelf.
- 6 Learn how to spell the full names of everyone in your family.
- 7 Write a story about your sibling or pet. You could use the roll a story activities to help if you are stuck with story ideas.
- 8 Write a diary.
- 9 Turn your bookshelf into a library. Make lender



cards for all your family and make a record of which books they have borrowed and returned. Think about the best way to organise your books so that people can easily find one they want.

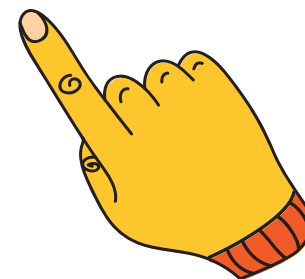
- 10 Do a book scavenger hunt.
- 11 Put on a puppet show for your family.
- 12 Learn a poem or rhyme by heart to perform to your family.
- 13 Write clues for a treasure hunt that your family have to solve.
- 14 Imagine you live in the house across the road from your own. What would you see every day? Describe your family as if they are the characters in your story, try and use different adjectives.







- 15 Learn to write your address. Pick someone famous to write a letter to like the Queen.
- 16 Work on spelling the days of the week. Make a weekly plan and add something fun in for each day.
- 17 Plan a birthday party for your favourite toy or pet. You will need to write invitations, make a list of things you will need, then write letters saying "thank you for coming".
- 18 Retell a fairy story from the perspective of another character. Imagine the poor wolf who is just trying to make friends with the three little pigs! There **are loads of three little pigs resources on the site to enjoy too.**
- 19 Create coded messages, using for example A=1, B=2. Then write messages for your friends and family. See if anyone replies!
- 20 Turn your favourite story into a comic book.
- 21 Use the writing prompt cards for **Year 1** or **Year 2.**
- 22 Write secret messages using invisible ink. Use lemon juice and a cotton bud then hold up to a light to read it.
- 23 Cut out pictures of people from magazines. Glue them onto paper then write funny speech bubbles for them.
- 24 Find a feather outside, then try and write by dipping it into some paint.
- 25 Write your tricky spellings in a tray full of shaving foam with your finger.





- 26** Make a rainbow salt writing tray by sticking coloured pieces of paper to the bottom of the tray then filling it with salt. Use a paint brush to write your tricky spellings to reveal the rainbow underneath.

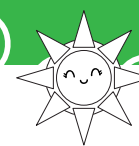


- 27** Make punctuation mark lollipop stick puppets, then write sentences and decide which puppet should finish the sentence.

- 28** Write instructions for something you really enjoy. Like how to play your favourite board game or how to win a football game.

- 29** Play 'would you rather?' think of different options to ask someone else. See if you can justify your choices using words like 'because'.

- 30** Write different letters on post-it notes and see how quickly you can arrange them to spell your tricky words.



- 1 Explore mixing and dissolving by making slime or playdough.
- 2 Plant seeds in your garden.
- 3 Make an aquarium in a cereal box – find out about the sea creatures that you could make to live in it.
- 4 Build a boat that will float in the bath or paddling pool. How much weight can it hold before it sinks? Add coins one at a time to find out.
- 5 Make potions in your garden by adding different plants, flowers and liquids.
- 6 Freeze toys in ice then rescue them using salt and warm water.
- 7 Make a dark den and use a torch so you can explore. Look at different materials to test if they



- 8 Make sandwiches using biscuit cutters so they are lots of different shapes. Talk about the difference between healthy and un-healthy sandwich fillings. Discuss why we wash our hands before preparing food.
- 9 Ask an adult to make a feely bag for you and include objects made of different materials. Can you guess what all the objects are? Can you describe how they feel? What would the materials in the bag be used for?
- 10 Write questions about your favourite animal. Choose things that you are really interested in finding out about. Make a fact file about your favourite animal that answers all of your questions.



Tick the numbered boxes when you've earned a new skill!



## SUMMER CHALLENGE!



# Science Skills!

- 11** Do a virtual zoo visit and then imagine you are creating your own zoo and organising your animals. Find out about different animals on BBC Bitesize so you can design your zoo. <https://www.bbc.co.uk/bitesize/topics/z6882hv> link to Year 1.
- 12** Imagine all your toy animals are having a party and you need to make sure you have the right party food. Find out which ones are carnivores, which are herbivores and which are omnivores. What kind of foods would they all eat? Draw pictures of them for your tea party.
- 13** Make a plan for a pet! Have a look at the RSPCA website to research your chosen animal and find out how to look after and feed the pet you would like in the future. **You could try our rabbit reading comprehension for ideas too.**
- 14** Go into your garden at night-time and see if you can find any traces of nocturnal animals. Research them first so you know what you are looking for.
- 15** Learn about the recycling that your family already does. Can you make a plan to do even more? Can you design your own recycling superhero?
- 16** How can your family save more electricity and water? Make a list of things you could do as a family then a fun list of the things you want do with the money you could save!
- 17** Make your own animal "guess who" game. The questions could be structured to make it easier e.g. where does it live? What does it eat? Does it have fur? Etc
- 18** Do some food tasting of different foods from around the world. Use a blindfold and smell them first to see if you can guess what they are before you taste them. Talk about what the role that each of your senses has.
- 19** Find photos of your garden or local park across the four different seasons. Discuss what changes and what stays the same.



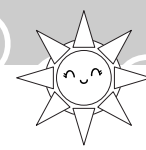


## Art & Design Skills!

Tick the numbered boxes when you've earned a new skill!

- 1 Make a bookmark featuring pictures of your favourite characters – talk about what you like about the character and the choices they make in the story.
- 2 Draw a self-portrait.
- 3 Make a fort – use all the cushions and blankets so you can to make it amazing!
- 4 Design a new front cover for your favourite book.
- 5 Cut shapes out of washing up sponges to make sponge painting stamps.
- 6 Make paint prints using your hands and feet.
- 7 Make a castle out of cardboard boxes.
- 6 Make tissue box monsters or sock puppets.
- 8 Make ice chalk and then decorate the paths in your garden with hopscotch outlines.
- 9 Design your own superhero costume and then write a story where you save the day.
- 10 Do some junk modelling with items that would otherwise have been thrown away or recycled.
- 11 Learn by heart which colours mix together to make others.
- 12 Find out the special days that are coming up in your family and make celebration cards (birthdays, anniversary, congratulations etc).
- 13 Do a tally chart with your family of their favourite fruit and vegetables. Find out about the artist Giuseppe Arcimboldo. Make your own food artwork in his style.
- 14 Watch a live stream of a tropical reef and draw the animals you can see.

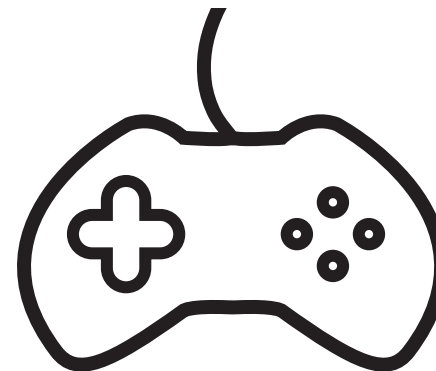


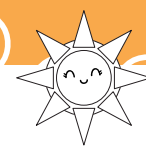


## Computer Skills!

Tick the numbered boxes when you've earned a new skill!

- 1 Use material or card to make mermaid fins, then write a story on Word about an "under the sea" adventure. You could also use a green screening app if you have some green material to make it look like you are under the sea. When is green screening used in the real world?
- 2 Design the menus for your own role play restaurant. Use clip art pictures of different foods and think of a name for your restaurant so you can make a poster for the door. The website "Canva" is a brilliant tool for this as well.
- 3 Make an A to Z animal list in Microsoft Word Add clip art for the animals and record yourself using a free website making the noise that animal makes.
- 4 Film a daily weather report with predictions about the weather for each day. Look at real weather predictions and discuss what all the symbols mean.
- 9 Have a go at coding using the "hour of code" website.
- 10 Play a virtual musical instrument online.
- 11 Check out <https://www.thinkuknow.co.uk/> for some online safety advice, then use technology to share the things you have learnt.
- 12 Use the Beebot app to have a go at simple coding.
- 13 Download a free drawing program like "tux paint" so you can make your own pictures.
- 14 Write a 'how to' guide for your favourite computer game OR make a video tutorial.

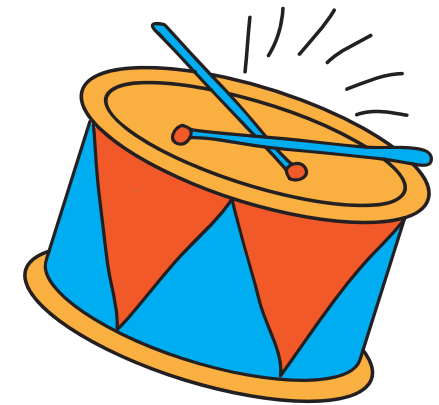
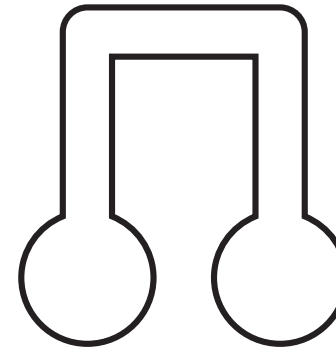
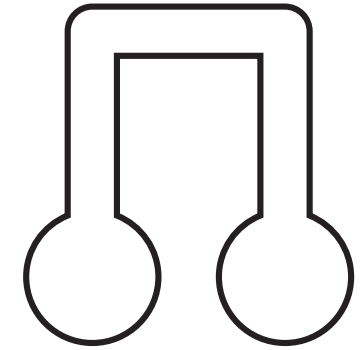




# Music Skills!

Tick the numbered boxes when you've earned a new skill!

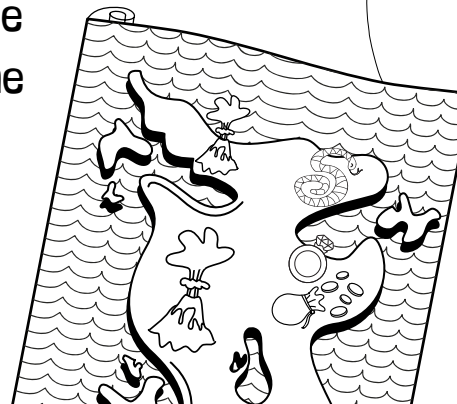
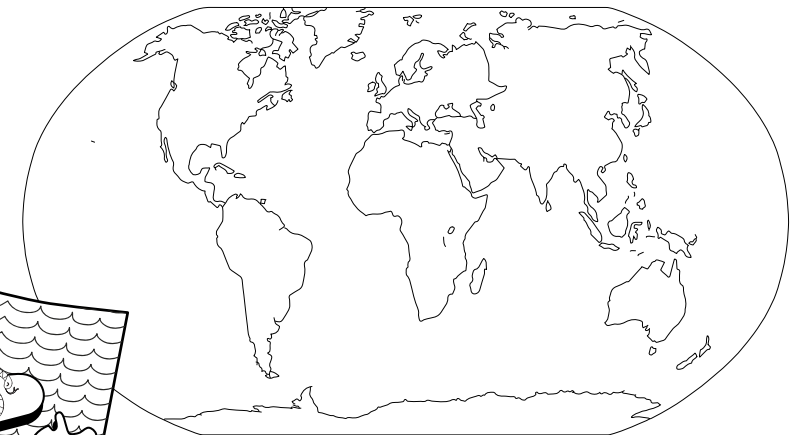
- 1 Plan a family talent show - write invitations and then perform with an instrument or by singing. Share your musical talents!
- 2 Make a music quiz. Find examples of instruments playing on the internet and play them for your family - they have to guess what the instrument is.
- 3 Make an instrument using resources you have at home e.g. a shaker using a plastic bottle and dried peas. Then make other instruments for your family so you can make a band. You could even use the pots and pans in the kitchen as a drum kit.
- 4 Listen to a piece of classical music and pretend to be the conductor.
- 5 Listen to famous pieces of classical music and draw a picture as you listen to show how the music make you feel.



# Geography Skills!

Tick the numbered boxes when you've earned a new skill!

- 1 Hide something in your house or garden and make a map for someone else to use to find it.
- 2 Talk about recycling then make recycled crayons by using up all your old leftovers.
- 3 Think about the street that you live on. How are the houses different to each other?
- 4 Find your house on Google Maps and Google Earth.
- 5 Make a compass or use a real one to explore your local area.
- 6 Talk about passports. Why do we need them? What do they contain? Look at a real one. Make your own. Where could you visit with one? Do you know the names of the continents you could visit and the oceans nearby?
- 7 Look at the difference between your house and a cottage (maybe look at a picture of them in fairy tales). Can you write a list of the similarities and differences?
- 8 Can you find the countries in the United Kingdom on a map? Can you find their capitals?
- 9 Have a look in your cookery books together to find a recipe from another country. Can you find out more about where the recipe comes from and how it is enjoyed in that country?







# History Skills!

Tick the numbered boxes when you've earned a new skill!

**1** Find out about significant people in history. For example, what do you already know about our Queen? **Our reading comprehension can help.**

**2** Nurses and doctors have been in the news a lot recently as people have really appreciated how hard they have been working. Learn about famous nurses like Florence Nightingale and Mary Seacole to find out how nursing has changed.

**3** Space travel is an exciting topic to find out about. Learn about Tim Peake, the famous British Astronaut. Find out about the first time people went to the moon. There are lots of **space resources you can explore too.**

**4** Learn about how vehicles in the past and present are different. Design a car you would like to drive when you pass your driving test. What special features will it have?

**5** Think about your bike, how is it different to the first bikes that were invented? Why don't we ride bikes like that now?

**6** Find out about the history of your family. What jobs did your relations have in the past? Where did they live?

What other things could you find out about them?

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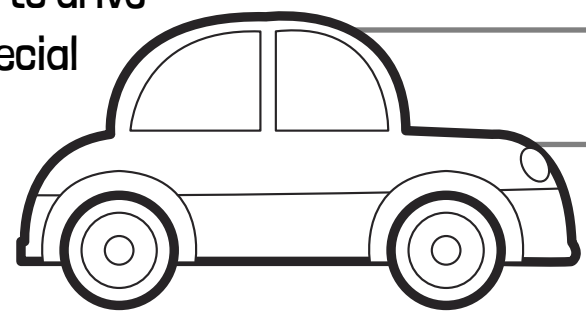
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# PE Skills!

Tick the numbered boxes when you've earned a new skill!

## SUMMER CHALLENGE!



1 Write a shopping list but only include healthy foods.

2 Build an obstacle course.

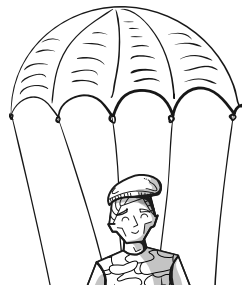


3 Improve your aim by playing skittles or bowling with a ball and plastic bottles you don't need anymore. You might need to fill the bottles with water to stop them falling over.

4 Use chalk to draw targets on your path then practise throwing a ball or bean bag to land in the targets.

5 Use a bed sheet to play parachute games with.

6 Use a balloon and see how long you can keep it in the air by hitting it. Time yourself and try and beat your best time.



7 Have your own sports day. Do an egg and spoon race, use an old pillow case for the sack race, use a toilet roll tube for the relay race and use a tape measure to see how far you can jump.

8 What is your favourite sport? Who is your favourite sports person? Think of questions you would like to ask them and write them a letter.

9 Have a look at the body challenge cards on [stem.org](http://stem.org) and see how many you can do.

10 Learn about dances from around the world like the Diwali Stick Dance, Maypole Dancing and Spanish Flamenco Dancing. Have a go at joining in with the videos.

11 Draw the letters of the alphabet on the ground with chalk then jump between them to spell out your name.

