



Dear Year 4 /5

I hope you have had a fantastic half term and were able to go for lots of walks and bike rides! We are now on to Week 8 of home learning! Here are this week's activities. I hope you find them interesting and, as always, if you have any photos you would like to send in I would love to see them!

If you have any questions or queries, please just email me on [ngiles@dunnstreet.s-tyneside.sch.uk](mailto:ngiles@dunnstreet.s-tyneside.sch.uk) and I will get back to you as soon as I can.

Stay safe and have a lovely week.

Mrs Giles-Brewster

### Daily Home learning expectations

- Spend 15 minutes per day reading for fun.
- Spend 15 – 30 minutes a day on Reading Plus or Lexia.
- Spend 15 minutes per day on TTRockstars (if you do not have access to these online you can practice your times tables on paper or whichever resources you have available)

### School Day Activities

#### English

For the next couple of weeks, you will be using a cloze passage (a paragraph) from the book 'Blue John' by Berlie Doherty to write our own poems based on a cavern (a large cave or chamber within a cave). This week, you will be collecting lots of ideas to help you with writing your poem next week.

#### Task 1

Look at the pictures of caverns found at the end of this document. Think about the colours that you can see and make a list of those colours. Then think about other names for the colours you can see. For example, red – scarlet, ruby, rose, cherry. Make a list of these additional names – make sure they are appropriate though. If it is really dark red, you wouldn't describe it as cherry because cherry is quite a bright red. There is a colour thesaurus within the webpage post to help you.

*Extension:* Can you think of an adjective to put in front of the colour too? For example, blood red, burnt orange. REMEMBER! Make sure it is appropriate.

#### Task 2

This is the verse from Blue John that we will be basing our poem on:

*"I will take the purple-blue heart of the glacier," she sang, "because it is the most beautiful colour in the world. And I will take the gold of the sun."*

Your next task is to imagine that you are going into the cavern and think about the items that you would take with you. Think about not only things that would help you survive, but also items that would keep you entertained. Make a list. For example, a waterfall, ice skates, flame

Next, add an adjective and reason why to each of your items. For example, an everlasting flame to keep me warm and help me to see.

### Task 3

Similes, metaphors and personification are all used to describe nouns. Similes describe a noun 'like' or 'as' something else; metaphors say that the noun 'is' something else; and personifications gives the noun person like qualities. Your final task this week is to take your list from task 2 and describe each item using a simile, metaphor and personification. For example:

Item: flame

Simile: a flame as bright as the sun

Metaphor: the flame is the sunlight in the darkness

Personification: the flame dancing in the stillness

### Reading

Can you design a poster for your favourite book? Your aim is to persuade other pupils in our class to read your book! You could design it on the computer, or on paper. When you design your poster, you may want to include:

- A star rating;
- A key quote or passage from the story;
- A quote from a critic (often found on the back cover of the book, or within the first few pages);
- A catchy title to grab the reader's attention;
- An illustration of the front cover or one of the main characters;
- Bullet point reasons (short sentences) why this book is the best!
- Another other books you would suggest by the same author.

Once you have completed your poster, pass it on to other members of your family. Can you persuade them to read your favourite book too?

### Spelling

Using your spelling ideas sheet, found in your home learning packs, focus on learning these spellings this week.

Spelling rule: Adding the suffix -ion

Green (HFW)	Blue (rule word)	Blue (statutory)	Red (challenge)
paper	expression	although	decompression
sun	discussion	thought	dispossession
may	confession	through	transgression
part	permission	woman	
sure	admission		
take	transmission		
too	profession		
went	impression		

**Green words** – High Frequency words you need to know

**Blue words** – Spellings which follow our rule for the week

**Blue statutory word** – taken from the Year 3/4 National Curriculum's Statutory spellings

**Red** – Challenge spellings

## Maths

We have used Oak Academy and White Rose Maths over the last few weeks. I would also like to signpost you to BBC Bitesize daily lessons.

Here's an overview of Year 4 objectives and lessons for this week's Maths on Bitesize:

Monday: Adding fractions

Tuesday: Subtracting fractions, including subtracting from wholes

Wednesday: Finding a fraction of an amount

You can find these lessons here: <https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

Here's an overview of Year 5 objectives and lessons for this week's Maths on Bitesize:

Monday: Multiply unit and non-unit fractions by an integer

Tuesday: Multiply mixed numbers by an integer

Wednesday: Solving problems with fractions

You can find these lessons here: <https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1>

## PSHE

As we have enjoyed a period of very warm weather, we need to ensure we are staying safe in the sun. Can you create a set of child-friendly instructions for pupils in Year 1 and 2 about how to stay safe in the sun? Think about the types of ways we can stay safe (use and regularly apply sun cream; wear a hat; drink lots of fluids etc) and how you are going to present the information in a fun and informative way. Remember to make it suitable for a younger audience.

If you have already completed a poster for your favourite book, you may want to create a comic strip; a leaflet or even a short advert or film which could be shown on children's TV. I would love to see what you create!

## Art

### Research

This half term, we will be looking at the artist Georges Seurat. Your task this week is to find out about Georges and create an information page about him. Try to include key facts about Georges:

- Name
- Date of birth/death
- Type of art that he produced
- Famous artwork he created
- Key events in his life

You can include pictures that you find of him and his artwork. You can also draw your own pictures.

Our favourite research website, Ducksters, is a superb place to start! Have a look here, [https://www.ducksters.com/biography/artists/georges\\_seurat.php](https://www.ducksters.com/biography/artists/georges_seurat.php)

## Science 1

### **How to Make a Balloon Rocket!**

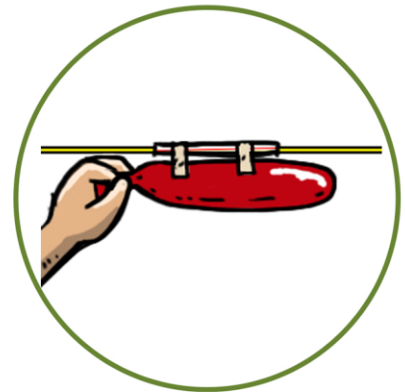
Have a look at the method on the next page and have a go!

### YOU WILL NEED:

- 1 balloon (round ones will work, but the longer “airship” balloons work best)
- 1 long piece of kite string (about 10-15 feet long)
- 1 plastic straw
- Tape

### WHAT TO DO

1. Tie one end of the string to a chair, door knob, or other support.
2. Put the other end of the string through the straw.
3. Pull the string tight and tie it to another support in the room.
4. Blow up the balloon (but don't tie it.) Pinch the end of the balloon and tape the balloon to the straw as shown above. You're ready for launch.
5. Let go and watch the rocket fly!



### HOW DOES IT WORK?

So how does it work? It's all about the air...and thrust. As the air rushes out of the balloon, it creates a forward motion called THRUST. Thrust is a pushing force created by energy. In the balloon experiment, our thrust comes from the energy of the balloon forcing the air out. Different sizes and shapes of balloon will create more or less thrust. In a real rocket, thrust is created by the force of burning rocket fuel as it blasts from the rockets engine – as the engines blast down, the rocket goes up!



### MAKE IT AN EXPERIMENT:

The project above is a DEMONSTRATION. To make it a true experiment, you can try to answer these questions:

1. Does the shape of the balloon affect how far (or fast) the rocket travels?
2. Does the length of the straw affect how far (or fast) the rocket travels?
3. Does the type of string affect how far (or fast) the rocket travels? (try fishing line, nylon string, cotton string, etc.)
4. Does the angle of the string affect how far (or fast) the rocket travels?

### PE

This week I would like you to focus on learning a new skill. Is there a particular sport you enjoy doing, where you can identify a new skill you could practise in order to help you improve? Try to think of a skill which is achievable with the resources you have at home.

My example: I love football! I want to try and improve the number of keepy-uppies I can do. This is where I can use my knees, feet or head (some can use their shoulders) to keep a football in the air. I cannot use my hands! I want to score over 15! There are some videos online to help, but it will take time and practise over the week to improve (at the minute my best is 12!). Let me know how you get on!

## In the News....

A new section for this half term is 'In the News'. A lot of the news at the minute is focused on the Coronavirus, so this section is specifically designed for other events happening around the world which are not Covid-19 related.

Over the weekend, a SpaceX craft carrying two NASA astronauts successfully launched from America and has now docked to the International Space Station, which is currently orbiting Earth. It is nine years since America last launched astronauts into space, and the events were viewed all over the world.

Get up to date with the facts, and other exciting news as it happens, at Newsround:

<https://www.bbc.co.uk/newsround/52526849>

Did you manage to watch the launch? You may want to compile a scrap book of cuttings from newspapers, if you can find any, as this is an event which will go down in history!

## Design Technology

**Research:** This half term, our focus is on planning, designing and creating (and finally testing!) our very own board game. This week we have to research what makes a successful board game. To do this, you will need a few board games. If you have time, it may help to play the board games again to help remind you of the rules and to help you 'borrow' certain ideas which have been proven to work.

**Task:** Divide a piece of paper into four equal parts, and giving each section a heading, complete as much information on your chosen game/s as you can:

- Describe the rules
- How is the winner decided?
- Best points about the game
- Things you would improve about the game

Having reviewed several board games, you should start to think about what makes these games so successful, and how you may be able to magpie certain ideas to help you with your own board game. You may want to continue with your 'research' throughout the week by playing some more games!

## Free Useful Links:

**Twinkl:** [www.twinkl.co.uk/offer](http://www.twinkl.co.uk/offer)

Twinkl, a website which provides free teaching resources, have provided new members of the site with a free trial for a month. Use the code UKTWINKLHELPS on the link above.

**TTRockstars:** <https://play.trockstars.com/>

**BBC DanceMat Touch Typing:** <https://www.bbc.co.uk/bitesize/topics/zf2p9j6/articles/z3c6tfr>

**BBC Super Movers:** <https://www.bbc.co.uk/teach/supermovers>

**Times Tables Speed Tests:** <https://www.timestables.co.uk/speed-test/>

**Scratch:** <https://scratch.mit.edu/projects/editor/?tutorial=getStarted>

**BBC:** <https://www.bbc.co.uk/teach>

**Audible:** <https://stories.audible.com/start-listen>

**Go Noodle:** <https://www.gonoodle.com/>

**David Walliams** – daily audio stories: <https://www.worldofdavidwalliams.com/elevenses/>



## Family Based Activities:

### Some ideas for this week:

- Can you go star gazing? Here are some top tips to help you see the stars!  
<https://www.bbc.co.uk/newsround/52399951>
- Can you create your own textured picture? Fold a piece of paper into 16 different parts (either equally or random sized). Look around your house for lots of different textured objects, or objects with patterns (e.g. a cheese grater; a towel; the side of a bottle; a tin; Lego etc) and, with a different colour for each section, place the objects under your paper to create your own coloured rubbing. See what your picture looks like once it is completed.
- Have a paper boat/aeroplane building competition and see who can make the best boat/aeroplane.
- Make your own mini movie or movie trailer.
- Go on a bug hunt in your garden and see how many different bugs you can find. Maybe you could even create a bug hotel or plant some bug friendly plants.
- If it's warm, have a water balloon fight!

### Photos from the inside of caverns to inspire you



