

Year 3 Home Learning Grid- Week beginning 15th June 2020

Maths

Statistics

Computer-based activities

Consolidate:

Watch the video about pictograms, pause the video to look at things more carefully to check that you understand what it is showing.

<https://www.bbc.co.uk/bitesize/clips/zg4d2hv>

Core:

Follow this link <https://classroomsecrets.co.uk/free-year-3-pictograms-iwb-statistics-activity/> to access an online activity where you can interpret different pictograms. Check your answers by pressing the 'check' button and then move on to the next slide using the arrows.

Top tip: remember to look carefully at the key to see what the picture is 'worth' for each pictogram.

Extend:

Look at the pictogram about pies which is attached to the bottom of this grid ([resource 1](#)). Zac says that only 15 more apple pies were sold than cherry pies. Is this true or false? Convince me!

English

Reading

- Log in to your Bug Club account and complete a new book, remember to answer the comprehension questions.
- Read a book of your choice for 15 minutes.

Super challenge:

- Select 5 to 10 words from a book that you are reading and write them on individual cards so that there are pairs of each word. Shuffle the cards and place them face down in neat rows. Take turns turning up two cards at a time and reading the words aloud. If the two cards match, the player keeps them and takes a second turn. If they do not match, the cards are replaced face down and the next player takes a turn. Play until all the cards are matched. The player with the most pairs wins.

Spelling

This week's spelling words are:

centre, century, certain, circle, complete, consider

Play the 'add a letter' game with your spelling words. Write the first letter of one of your spelling words on a piece of paper. Then, ask someone at home to write the next letter in a different colour. Repeat this until the whole word is written.

circle

Spelling Shed: Adding the suffix -ally to -ic words

Science

Which solids dissolve in water?



What you'll need:

- Transparent containers – test tubes or beakers
- Water (warm and cold)
- Substances to try to dissolve e.g. sugar, coffee, pepper, sand, flour, salt.

Instructions

Add a teaspoon of whichever solid you are testing to a glass of warm water, stir and observe the difference.

Watch to see if the solid dissolves in warm water and cold water and if one is better than the other.








Can you design a chart to record your observations?

Non-computer based activities

Consolidate:

Look out of your window and choose what you would like to count e.g. birds, flowers or cars. Try making your own pictogram showing the different things you have spotted for example the colours of birds/flowers/cars that you've seen. Don't forget to give your pictogram a title! See the example below:

A pictogram showing the colours of flowers seen in my garden

Colour of Flower	Key:  = 1 flower
Pink	  
Green	
Yellow	 

Core:

Use the worksheet at the bottom of this grid ([resource 2](#)) to put the data about children's lunch choices into a pictogram.

Top tip: You can choose the picture that you use for your pictogram but it should represent 2 children so make sure you only draw half of it if you are only representing one child!

Extend:

Archie has made a pictogram, attached at the bottom of this grid, ([resource 3](#)) showing favourite times of day for KS2 children. He says that twice as many children like dinner time than story time. Look at the pictogram closely and decide if he is correct. Make sure you explain your answer too!

English

The Ickabog by J.K.Rowling

Follow the link to access Chapter 1: King Fred the Fearless

<https://www.theickabog.com/king-fred-the-fearless/>

Read:

1. Read the first paragraph of Chapter 1 aloud and check any words you don't understand.
2. Experiment with reading the paragraph in different ways – notice where the humour is and find a good way to express this to your audience.
3. Continue to read some more of the chapter either by yourself or with someone at home reading to you.

Visualise:

4. Using the text from paragraph 2, create a picture in your head of what the author has described – use your mind's eye.
5. Now have a go at drawing what you visualise King Fred looks like in a portrait hung in the town hall. Notice the adjectives that are used in the paragraph to increase the detail of the image you draw. Try re-reading the text to find additional information that may help you.

Quiz:

Using what you have read in Chapter 1 of The Ickabog, have a go at answering the following questions:

- a) Why do you think 'Fearless' is in inverted commas?
- b) What is the name of the kingdom that King Fred rules over?
- c) The author tells us that King Fred managed to catch and kill a wasp 'all by himself...' Why do you think the author tells us this?
- d) Can you find a word in the text which means the same as 'shared'?
- e) Imagine you lived in Cornucopia. Would you like King Fred to be your king? Try and discuss your answer using evidence from the text.

Although we have focussed on Chapter 1 for these activities, all chapters published so far are now available for free online (using the link above) if you wish to continue reading The Ickabog.

Everything is made of particles which are always moving. When a **soluble** solid is mixed with the right liquid, it forms a solution. This process is called **dissolving**.

Two things that affect the speed at which a solid dissolves are temperature and the size of the grains of the solid. Caster sugar, made with fine particles, will dissolve quickly, but bigger sugar particles will take longer.

Solids dissolve faster in hot water as in hot water the water molecules are moving faster, so bump into the solid more often which increases the rate of reaction.

Super challenge

What is the difference between soluble and insoluble?

Geography

Mountains

Use this link

<https://www.bbc.co.uk/bitesize/articles/zbqsvk7> to access the BBC Bitesize website.

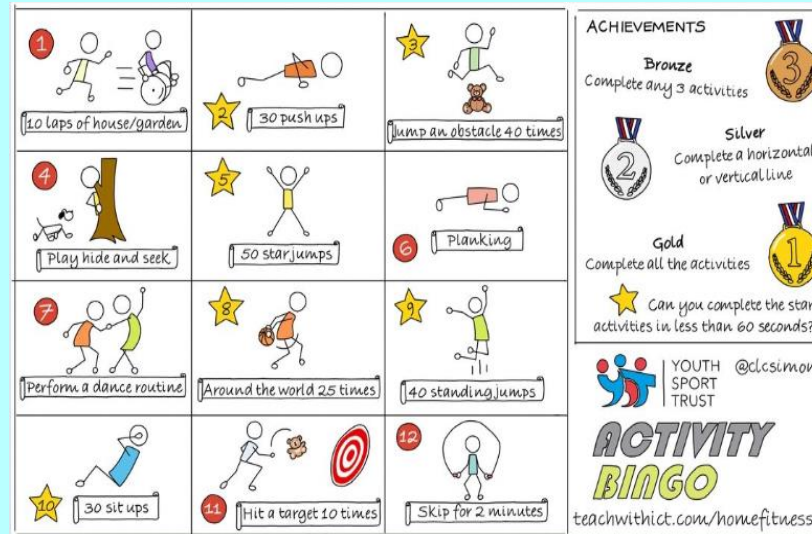
Scroll down the page until you find the video where Sue Venir climbs the Rocky Mountains.



After watching the video, have a go at Activity 1 which will take you through a short quiz to see how much you have learnt about mountains.

Next, complete Activity 2 which asks you to locate and colour in the mountain ranges of the world. This can be accessed through the Bitesize website by clicking the Britannica Digital Learning banner or by scrolling to the end of this learning grid where the worksheet is attached (*resource 4*).

Get Active



Support your learning through Physical Education

Cognitive skills:

Focus & Concentration – Can you spell words whilst throwing and catching a ball between you and your family?

Personal qualities:

Motivation – Can you and your family take a 15 minute walk after dinner at least twice a week?

Physical competencies:

Gross / Fine Motor Skills – Can you get someone to throw a ball to you and hit it with a bat? Can you mark where the ball lands and beat this target?

Physical fitness:

Stamina – How many star jumps can you do in a minute? Can you beat this score each day?

Art

Framing Nature

You will need:

A piece of cardboard (ideally around A4 size)
Scissors
Camera (not essential)

Make your own picture frame by cutting out a large shape from the middle of a piece of cardboard. You might like to cut out a simple shape like a circle, heart or star or you could try something a bit different like an animal or a window.

When you have your cardboard frame, take it outside and place it over different backgrounds such as grass, stones, leaves, flowers, sand or the sea. Perhaps you could take photographs of your frame filled with different backgrounds.

Notice how your picture changes as you move the frame around.



Some of the world's famous mountains:



Mount Everest

Mount Fuji



Ben Nevis

Move to the Beat

Home Physical Education

How to play:

- On the spot can you start by clapping in time to the music?
- Keep clapping but can you now move your feet in time to the music by marching on the spot?
- Now can you start to walk around the space by clapping and walking in time to the music?
- Challenge yourself to add new movements like heel flicks, side steps, knees up, spins, turns. Can you do these in time to the music?

Top Tips

Listen for a beat

When trying to listen for a beat, make sure you give the piece of music all of your attention. Use headphones or move to a quiet environment with no noise interruptions.

Let's Reflect

What different movement ideas did you come up with?

Could you concentrate and move in time to the beat?

Complete P.E.
Aspiring. Learning. Succeeding.

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Music



Listen to Russian Dance by Tchaikovsky

<http://downloads.bbc.co.uk/tv/tenpieces/TchaikovskyTrepak.mp3>

This piece of music is taken from a famous ballet (a piece of music written to tell a story through dancing) called The Nutcracker and is normally performed by two or three men dressed as in Russian traditional costumes.

1 What instruments can you hear?

2 Does the music stay the same speed (tempo) throughout? Hint: try tapping your knees along to the pulse of music as you listen

3 What do you notice about the volume (dynamics) during this piece?





















4 Do you like this music or not?


5 What do you like or dislike about it?

Resource 1

Pie Pictogram – Extend task – Convince me!

Zac has created this pictogram.

Pies	Number of Pies Sold
Apple	     
Blueberry	    
Cherry	   
Banoffee	    



Key:  = 10 pies sold

He thinks only 15 more apple pies were sold than cherry pies. True or false? Convince me.

Maths Worksheet – non-computer based task (core)

Pictograms and bar charts

Look at this survey about a school's lunch types.

	Dinner type	Number of children	
	School dinner – meat	12	
	School dinner – vegetarian	3	
	Packed lunch – meat	9	
	Packed lunch – vegetarian	9	

- 1 Draw a pictogram like the one below to show this information. Each picture is to represent two children.

School dinner – meat	School dinner – vegetarian	Packed lunch – meat	Packed lunch – vegetarian

What picture will you use to represent two children?




Discuss the information about this school with a partner. Would it be the same or different in your class?



I am confident with drawing pictograms to show information.

Archie's Pictogram – non-computer based task (extend)

Archie draws a pictogram to show KS2's favourite time of the day.

Time of Day	Number of Children 1 bell = 8 children
Play time	
Dinner time	
Home time	
Story time	

Twice as many children like dinner time than story time.



Is he correct? Explain your answer.

Mountains

Colour in the mountains where they belong on the map.



-  Rocky Mountains
-  Atlas Mountains
-  Himalayas
-  Great Dividing Range
-  Alps
-  Andes Mountains

Name:

Date: