

# Home Learning Hub Activities: P7 Stage

Here are a selection of some activities which *reinforce* Numeracy and Maths skills, Literacy and Topic. With Numeracy and Maths children are encouraged to self-differentiate to make activities less or more challenging by using bigger/smaller numbers.

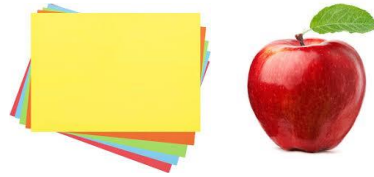
## Number-Division

1. A teacher has 7 packs of 12 pencils and 2 packs of 54 pencils. The teacher shares these pencils out into 8 pencils pots. How many pencils will be in each pot?
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2. A child has a collection of football cards. They are to be kept in a folder with 9 cards on each page. The child has 28 complete sets of 12 cards, and another 61 cards. How many pages will be needed to store the cards?

**Example:** A shopkeeper has 10 boxes of chocolates each box contains 9 chocolates. He wants to share the chocolates between his 6 grandchildren, how many chocolates do they get each?  $10 \times 9 = 90$ .  $90 \div 6 = 15$ .

## Word Problems - Multiplication

1. A school manager orders 12 boxes of A4 paper. Each box contains 5 reams, with each ream containing 500 sheets of paper. How many sheets of paper are ordered?



2. Apples are cut into 8 pieces to be shared among some children. Twenty-two bags of seven apples are used. How many pieces of apple are cut?

**Example:** A squad of 20 footballers are each given 3 new pairs of boots. Each pair has 16 studs. How many studs are there altogether?

Therefore, 20 footballers x 3 pairs = 60 pairs, so to find the number of studs I need to calculate 60 pairs x 16 studs.

I could do  $60 \times 10 = 600$ ,  $60 \times 6 = 360$ , then add the totals together  $600 + 360 = 960$  studs altogether.

## Directions

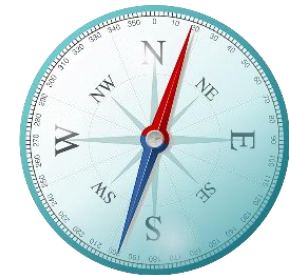
Hide a possession of yours somewhere at home (don't make it too tricky!).

Write a set of directions for someone to follow in order to find your hidden object.

The directions must be:

- Clear
- Easy to follow
- Concise

You must use correct, directional language. There is a vocabulary box at the bottom to help you.



## Play Sumdog Maths





Look out for new competition starting Friday 15<sup>th</sup>.  
Come on Hillhead Primary 7! Let's win!

## Useful websites:

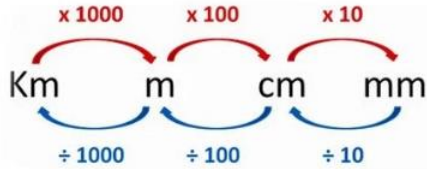
- NRICH: [www.nrich.maths.org](http://www.nrich.maths.org)
- Top Marks: [www.topmarks.co.uk](http://www.topmarks.co.uk)
- Illuminations: [www.illuminations.nctm.org](http://www.illuminations.nctm.org)
- MathsBot: [www.mathsbot.com](http://www.mathsbot.com)
- Maths Shed: [www.mathematicshed.com](http://www.mathematicshed.com)

## Vocabulary Box

Clockwise 	West ←	Half turn 	Compass point	South ↓
Down ↓	Right →	anti-clockwise 	Whole turn ○	up ↑
East →	Right angle L	Left ←	North ↑	Quarter turn L

## Measurement

Use your knowledge of measurement to fill in the missing numbers. Watch out for decimal points!



$5\text{km} = ?\text{m}$  Need to  $\times 1000$      $5 \times 1000 = 5000\text{m}$  ✓  
 $120\text{cm} = ?\text{m}$  Need to  $\div 100$      $120 \div 100 = 1.2\text{m}$  ✓

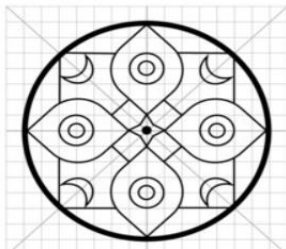
Milli-metres	Centi-metres	Meters	Kilo-meters
2500mm	250cm	2.5m	0.25km
	86cm		
600mm			
	603cm		
			3km

## Symmetry

A symmetrical shape is one that can be divided up by straight lines, with each section being *exactly* the same.

Your challenge is to create your own image (digitally or on paper) with 2 lines of symmetry. How about a shape with 4 lines of symmetry?

Remember to show the lines of symmetry on your completed work!



## Rounding

### CHALLENGE A

- I am a 3-digit number.
- I am 500 if you round me to the nearest 100.
- To the nearest 10, I round up not down.
- I am odd, and so are all my digits.

Who am I?

473	511	533	458
537	1137	497	509

### CHALLENGE B

- I am a 3-digit number.
- I am not odd.
- If you round me to the nearest 10, I round up not down.
- I am 800 if you round me to the nearest 100.

Who am I?

719	804	756	812
698	938	876	797

## Patterns

- Find the rule of each number pattern (what is it going up or down in)
- Use that rule to fill in the missing numbers.

1) 

2	3	5	8	12				
---	---	---	---	----	--	--	--	--

2) 

5	7	11	17	25				
---	---	----	----	----	--	--	--	--

3) 

48	47	45	42	38				
----	----	----	----	----	--	--	--	--

4) 

101	90	80	71	63				
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**Fibonacci** was a famous mathematician who created a sequence known as the "Fibonacci sequence". The first 10 numbers are:

1, 1, 2, 3, 5, 8, 13, 21, 34, 55.

Work out the rule and give the next 5 numbers in the sequence?

## Probability

### Least to Most Likely

Make a probability scale of things that will happen in your week. At one end, think of something that is certain to happen, such as the sun rising. At the other end, think of something impossible, such as you growing wings and flying home. Can you order at least 15 things from least likely to most likely and give them a decimal and percentage probability?



Impossible  
0  
0%

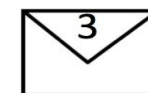
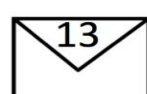
0.5  
50%



Certain  
1  
100%

## Problem Solving

A set of ten cards, each showing one of the digits from 0 to 9, is divided up between five envelopes so that there are two cards in each envelope. The sum of the two numbers inside it is written on each envelope:



What numbers could be in each envelope?

How many possibilities can you find?

## Reading Activities (Fiction: Part 1)



Click on the following link:

<https://www.shortkidstories.com/>.

Choose a short story that you can read from this site.

*Remember the 'five finger test' to help you choose appropriately: Read the first page. If there are more than five words that you can't read/don't understand then the text is probably too difficult just now.*

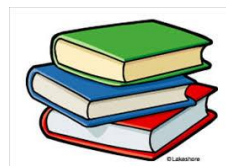
### Before Reading:

- What do the pictures on the cover tell us about the story?
- Can you predict what will happen?
- What genre do you think this story is going to be?

### During Reading:

- Look up any unfamiliar words (read the sentence/paragraph to try and look for clues first)
- How does that character feel in different situations? How do we know?
- How would you feel if this happened to you?
- Would you react in the same way?
- What do you think the character might do next in the story?

## After Reading Activities (Fiction: Part 2)



Read and think about the following questions. Then write your answers in sentences.

- Can you summarise the story?
- How does the story end?
- How might the story end differently?
- Who/what were the main characters/ events?
- How are you and the main character different/the same?
- Choose a problem in the story. How could it have been avoided?
- What questions do you still have about the story?
- How would you attempt to solve a problem in the story?
- How does the story relate to your life?

*And finally.....*

- What do you like about the way the author writes?

Do they use two word sentences to create dramatic tension for example? Or do they use effective imagery through simile, metaphor or personification?

## Comprehension



Open the Roald Dahl file in the Pupil Zone/Primary 7. Here you will find a biography of the author. There are 3 versions of the same text and a set of questions to go with each. **You only need to answer one set of questions.**

*The first set of questions are mostly literal and straightforward to answer.*

*The second set are a mix of literal and more challenging inferential questions.*

*The third set is the most challenging, comprising deeper inferential and evaluative questions.*

Read the text and answer the questions. Remember to write in full sentences unless the question states otherwise.

Answers are included for each set for you to self-assess when you are finished.

## Sumdog Literacy Spelling and Grammar



Your teacher will have provided you with your login.

## Talking and Listening

Click on the video clip link and listen to the mock news report: [The sinking of the Titanic - breaking news report - 2nd level English and Literacy - BBC Bitesize](#)



Now listen to it for a second time, this time listening closely to answers that you could create questions for. Now write down 10 questions that a Primary 4 pupil could answer after watching the clip. Try and ensure that you have a mix of question starters – Who? Where? What? When? Why? P4 can use these next year!

## Reading Skills – Visualising

**Select a fiction book to read or re-read.**



After reading, think about the main setting of the book and how the author describes it. Think about how the author creates the atmosphere, and describes the setting. Now draw the setting in black and white or colour.

**Send a photo to the class dropbox and we'll see if we can guess the original title or ask a family member to guess if you prefer.**

Writer's Craft - Imaginative

Craft a short story using this snapshot.



Give it a title:

**Things to think about**

- What genre is your story?
- What colours can you see?
- What is happening in the background?
- Who/What is the insect looking at?
- What might happen next?

Writing – Poetry

Inspired by Fairtrade Fortnight 2020 create a piece of poetry around the theme:

‘She deserves a living income’



[Fairtrade Fortnight 2020 | Fairtrade Schools](#)

In 2020 Fairtrade is supporting more women cocoa farmers to take the reins and stand tall alongside men.

Your poem should celebrate both the challenges and achievements of these women . Exploring some videos on this website might help to inspire you.

Remember a poet's toolbox is full of alliteration, repetition, rhyme and sensory details.

Writing – Spelling

<ei>, <eigh> for /ai/ sound



Use the /ai/ sound to read each word. Think if you have heard it before and what it means. Check the meaning in an online or book dictionary.

Now apply the meaning to *use* each word in a sentence separately. You can use more than one word in a sentence or you can use all of the words in a paragraph if you prefer.

vein	weigh	freight
veil	beige	deign
reign	feign	surveillance
feint	eighth	neighbour

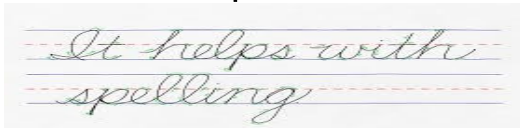
You can use the spelling word in any tense; E.g. weigh/weighed.



Do not just give a definition of a word. E.g. A vein is a vessel which carries blood. Use the word in a sentence instead: The doctor couldn't find a vein in the patient's arm.

Copy in Cursive:

Shakespearean Quotes!



*'To be ,or not to be, that is the question'*

From which play is this from?

You could find the Act, Scene and Line if you like!



Script Writing

Check out BBC Bitesize Learn how to layout your script so that the director and actors perform it just the way you want them to.



[How to write a script - BBC Bitesize](#)

Grammar

**Sentence Doctor!**



“Were do you think their going to go when there finished eating they're snacks?” asked Miss Binning. “I don't know. Were were they yesterday?” replied Mrs Cloudsley. “There mostly were we can see them; there's only a few groups that we can't see over their because there always playing hide and seek!”

Copy out the paragraph correcting the errors: they're, there, their, where, were, we're.

## Music – Click and Create!

[CBBC - Ten Pieces - 'Mars' from 'The Planets' by Gustav Holst](#)



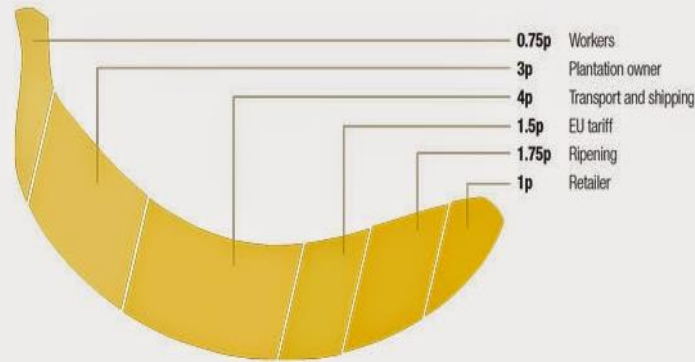
Click on the link and then scroll down to read the short blurb about Holst and what to listen out for. Watch the short Dick and Dom clip and then watch and listen to the full orchestral performance of the piece.

Think how the music makes you feel and what it makes you imagine. Now create an artistic interpretation of the piece on an A4 sheet of paper. You can just use colour, shape and line to create an expressionist piece, or you might want to draw a picture. You might even want to create a musical response?!



## Topic - Fair Trade

These figures represent the share of total value - not profits - from a conventional banana from Ecuador sold at 12p in a UK supermarket:



## Topic - Fair Trade



It is evident that the simple banana, that looks and tastes very similar wherever we buy it, is priced at many levels – called price points – and is cheaper on average than an apple.

- Explain in a presentation format - why are bananas cheaper than apples? You can use posters, a slideshow or diagrams to present your research.
- Using the diagram opposite reflect on the most important factors or influencers on banana pricing.

What difference does it make to the farmers if we choose Fairtrade bananas?

## Health and Well-Being

**Dance Party DJ!** Host a dance party with your family, play a different style of music every 10 minutes, from a different decade **OR** try our.....

### Exercise Challenge!



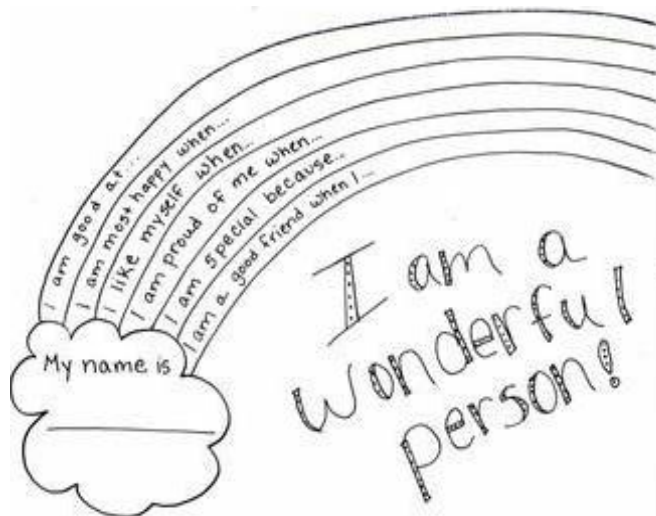
### ROLL THE DICE WORKOUT!

All you need is a pair of dice. First roll both dice for the number of sets and then roll one die for the number of reps. Repeat for each exercise, 1-12. **READY, SET, GO!**

1. Tuck Jumps
2. Squats
3. Sit ups
4. Hand-stand or pike push ups
5. Burpees
6. One-arm press
7. Supermans
8. Jumping Lunges
9. Hollow Rocks
10. Spider Push ups
11. Jumping Jacks
12. Toe raisers

## Health and Well-Being

Copy and complete the different parts of the rainbow using words or short phrases to represent you! Remember all your wonderful qualities and to add colour.



## Italian – Ciao! From Maestra Teresa.



[https://www.youtube.com/watch?v=GaxBHL\\_tj8](https://www.youtube.com/watch?v=GaxBHL_tj8)



Watch Pasqualino Barbasso's pizza acrobatics! Then write your own menu in Italian using the attached pdf file on the school website.

