

Monday 27th April

Hello year 5,

Welcome to this week's home learning. Remember you can complete the tasks in any order and all the answers are provided at the back of the presentation so you can self-mark (no cheating though!).

You are more than welcome to print off the presentation but you do not need to, you can just use it from a screen and then write your answers down either in your homework books or on a piece of paper. Please remember that just as long as you all try your best and work to the best of your ability then that's all that matters! The message we're sending to you all (including your adults) is: "Do what you can, when you can and don't put too much pressure on yourselves." Also please remember to take time to relax, exercise and to be kind to yourselves and everyone else in your house.

Take care and we look forward to seeing you all again soon.

Miss Savage and Mrs Montgomery



Remember to read at home!

You should be aiming to read for at least 20 minutes every day.

Remember, you can now take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

DAILY PHYSICAL EXERCISE



Do you remember Pokémon yoga? We know how much you enjoyed it, so here's the YouTube link:

<https://www.youtube.com/watch?v=tbCjkPlsaes>

Or

Go to the 'Cosmic Kids' channel on YouTube and choose a different yoga program, there are loads from Minecraft to Stars Wars. Remember yoga can enhance strength, co-ordination and flexibility, while encouraging body awareness and self-esteem. Why not give it a go?

<https://www.youtube.com/playlist?list=PL8snGkhBF7nh7p25XjBHvwrhttb3zBlxk>



Why not take part in P.E with Joe Wicks?

<https://www.youtube.com/user/thebodycoach1>

ENGLISH

This week your English is based on a story called 'The Game'. Throughout the week there will be different activities for you to try leading up to you writing your own story based on 'The Game'.



TalkforWriting

The Game

Year 5 Workbook
By Maria Richards



The World of Jumanji

In 1981 Chris Van Allsburg wrote a book called Jumanji. In the story, a brother and sister discover a game that turns fiction into real life. Whatever square you land on in the game, brings a new challenge to overcome. Worst still, the challenge becomes a reality for everyone around.

If you want to you can watch the original movie trailer from 1995 for Jumanji using this link: <https://cutt.ly/JtxrUyf>

First check with an adult that it's ok to do this.

Get Plotting!



Now let's take a look at a story that follows the same plot idea as *Jumanji*. *The Game* is a finding tale and has this simple underlying plot pattern:

Basic story structure	Structure of a finding tale
Opening	Introduce the main character/s (MC)
Build up	MC goes somewhere and finds an unusual/amazing/important object
Problem	Something goes wrong – it is the fault of the object
Resolution	MC puts back/hides/throws away the object – the problem is solved
Ending	All is well again and lessons have been learnt

The Game

You can listen to a recording of 'The Game' being read using:

<https://soundcloud.com/talkforwriting/game>

Danny and Susie were bored. It was wet play again and it felt like they hadn't seen the playground for weeks. Rivers of greasy rain streaked the classroom windowpanes and pooled to make gigantic puddles in the centre of the netball court. Another lunchtime inside was clearly stressing Mrs Allbright, as she seemed to be tense and a bit more snappy than usual. She sat at her desk with a steaming cup of tea and marked books with the ferocity of a wild beast. To top it all, every good game was being used and only the tub of dominoes was left. Everyone knew that half of them were missing and the other half had been chewed by the school 'Reading Dog'. Danny and Susie searched the classroom for something to do.

To their dismay, the comic box was empty, the iPads had been snapped up by Freya and her gang and Billy seemed to have started a resurgence of the game Slap, which didn't look like fun at all. As the two friends squeezed past the art table to get to the wet-play books, a tatty, cardboard box fell from the top shelf of the bookcase. Susie picked it up.

"I've never seen this game before," she said, wiping the dust from the unusual lid. It was embossed with intricate patterns and around the edges were pictures of animals, insects and other strange creatures.

"An animal game? Boring!" said Danny, already losing interest.

"Oh come on, let's play. There's nothing else to do," suggested Susie, smiling widely and shaking the box.

They sat down in a quiet corner, lifted the lid and took out the board.



What next? We've stopped at an interesting part of the story. Summarise below what you think could happen next.

I predict...



Now let's find out how close your predictions were.

Read on!

"Looks simple enough," said Danny, ever impatient, as he set the counters onto the start line. They were jungle animals: a rhino and a jaguar. He also shuffled the game cards and laid them in a neat pile. "Let's just start and learn as we go."

Susie went first. She grasped the dice and threw them down onto the centre of the board. An eight! She moved her rhino eight paces, to land on an orange-coloured square. It showed a picture of a giant Tarantula. She lifted a game card and read it out. "If you do not catch this beast, then you're on the menu for its next feast." She stared at Danny and shrugged. "I don't get it!" she said.

At that moment, the table began to shake, the windows rattled and the floor vibrated. Everyone stopped what they were doing and the room fell silent.

"EARTHQUAKE!" shouted Billy, bursting into laughter. He soon stopped, as in a blink of an eye, an enormous spider, bigger than a horse, shot out of the game and landed in the centre of the crowded classroom. Everyone froze. Its enormous, hairy legs were tensed, ready to pounce and its whole body seemed to pulse. Eight, bulging eyes scanned the room and then ...

It sprung into action. It crushed the tables, smashed the windows and flung children all around the classroom with a flick of its legs. It powered towards Mrs Allbright as she stood rooted to the floor in terror. The room was filled with shrieks of panic and despair.

"What shall we do?" shouted Danny desperately, pressing himself tightly against the wall.

"Read the instructions," ordered Susie. "We have to stop it!"

Quickly, they scabbled around to find the box underneath all the mess. They rescued it from under a pile of maths books and scanned the upturned lid to read the instructions. All the while, the spider got closer and closer to their teacher. It stretched out its forelegs, ready to grab her. Her eyes widened in horror as she realised what was coming next.

"It says we've got to throw two sixes to end the game," screeched Danny, looking pale. Susie grasped the dice again. She threw and she threw and she threw. No luck. She glanced up and saw the spider had her teacher in its grasp. Its striped legs were holding her in a vice-like grip. She threw again and then again, faster and faster each time and then, just as she was losing all hope, TWO SIXES!

Suddenly, out of nowhere, there was a loud hissing sound. It pierced the air and everyone covered their ears. A flash of light streaked through the classroom and the game rattled into life. It started to suck everything into a vortex in the centre of the room: the mess, the children, the spider, Mrs Allbright. There was an almighty boom and then... nothing.

Danny and Susie opened their eyes. Everything was back to normal; even Mrs Allbright was back in her chair, marking with the ferocity of a wild beast. Then the bell went.

"Pack up, Class 5!" ordered Mrs Allbright. "Science starts in two minutes and we're looking at animals in their habitats."

Susie looked at Danny and raised her eyebrows. They carefully packed the contents of the game back into the box. Everything went in except the dice and the animal counters, which Susie wrapped in a paper towel and placed into the bin instead. They put the lid on the box and lifted it high up onto the bookshelf. They never wanted anyone to play that game, ever again!

Everyone settled down to afternoon lessons. Everyone, that was, except Billy. He had spotted something on top of the bookshelf that he'd never noticed before and he intended to investigate it, the very next time they were in for wet play ...

What Do the Words Mean?



Go back through the story and underline any words you don't know the meaning of.

Now let's investigate some of them together.

The Sentence Challenge:

Take a look at the definitions of the following words from the text. Take each word and put them into new sentences. How many sentences can you create?



... the ferocity of a wild beast

Ferocity - extremely fierce (fierce = strong, powerful, violent or frightening)

e.g. We were surprised by the ferocity of the storm.

Now write your new sentences:



... rain streaked the classroom windowpanes

To streak along - to move rapidly

e.g. John streaked along the pavement towards the crowd.

Now write your new sentences:



... a resurgence of the game slap

A resurgence - something that returns or starts again after disappearing for a while

e.g. The teachers have seen a resurgence of skipping games in the playground.

Now write your new sentences:

MATHS

10-4-10

Remember, ten minutes to answer ten questions!

1. Circle all the prime numbers.
2, 1, 7, 6, 20

$$9. 36\% = \frac{\quad}{100}$$

2. $3659 + 2169 =$

$$10. \frac{1}{3} + \frac{1}{12} =$$

3. $8^2 =$

4. What is the value of the underlined digit?
2,659,321

5. Write in words:
2,165,293

6. $2716 \times 45 =$

7. Round to the nearest 10:
 $2,652,169 =$

8. $2.56 \times 10 =$

MATHS

WALT: add decimals within one.

Maths this week is going to build upon what we've already learnt about decimals.

Use the following link to White Rose Maths Home Learning Yr.5 and watch the video Summer Term: Week 1: Lesson 1: Adding decimals within 1 (It doesn't matter that it says W/C 20th April, we are going to start with this week first).

<https://whiterosemaths.com/homelearning/year-5/>


This video explains the concept in various ways. You can pause, rewind or fast forward at any time. If you want to you can have a go at the flashback 4 at the beginning of the video, but you don't have to.


There are questions for you to think about during the video but you don't have to write down the answers to these if you don't want to. There are also points in the video where you can pause it and then complete questions on the sheets or in your maths homework books.

If you prefer to watch all the video first and then attempt the questions on the following slides then that is fine too. However, if you look at the worksheet and feel confident to attempt without watching the video, then again that is fine. Remember you can use the answers (which are at the end of the presentation) to self-mark-if you've made lots of errors and you didn't watch all of the video-it is essential you watch it next time.

As we are not there to check your understanding throughout the lesson, instead of having challenges for you to move on to, we have used the stars slightly differently. You will see the question numbers which we'd like you to concentrate on. Start with the star you often start on, in maths, and then you can always continue on if you feel confident but **do not** pressure yourself to.

Questions 1-3 

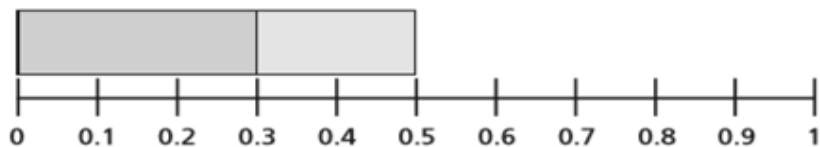
Questions 1-5 

Questions 1-7 

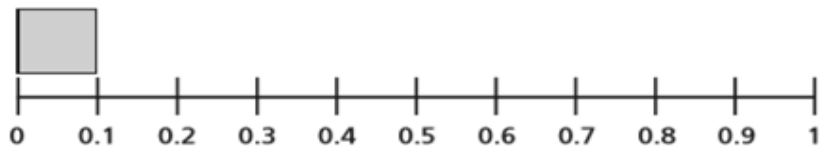
Adding decimals within 1

1 Work out the additions.
Use the number lines to help you.

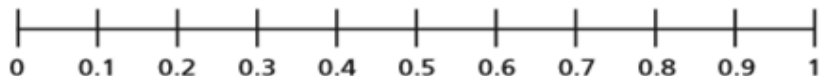
a) $0.3 + 0.2 =$



b) $0.1 + 0.4 =$



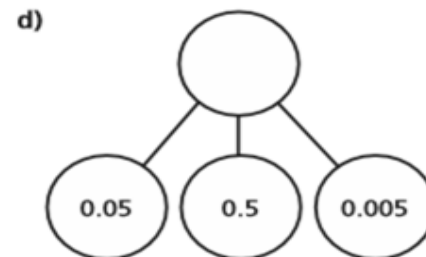
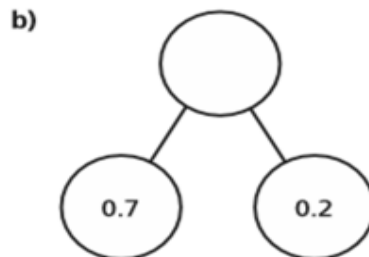
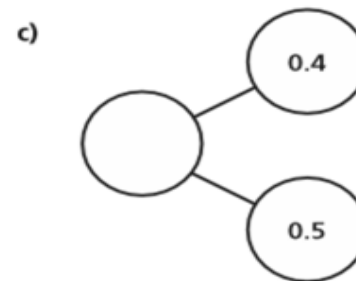
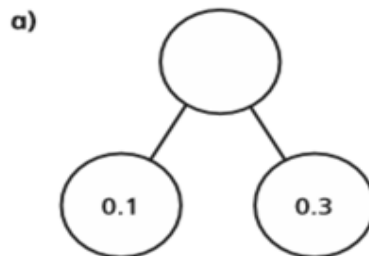
c) $0.2 + 0.1 + 0.2 =$



What do you notice about your answers?



2 Complete the part-whole models.



3 Complete the additions.
Use the place value charts to help you.

a) $0.42 + 0.3 =$

Ones	Tenths	Hundredths
	0.1 0.1 0.1 0.1	0.01 0.01
	0.1 0.1 0.1	

+

b) $0.28 + 0.32 =$

Ones	Tenths	Hundredths

+

c) $0.28 + 0.36 =$

+

Ones	Tenths	Hundredths



- 5 Jack has set up a column addition to work out $0.19 + 0.07$. What mistake has Jack made?

$$\begin{array}{r} 0.19 \\ + 0.7 \\ \hline . \\ \hline \end{array}$$

- 6 Work out 7 hundredths + 34 hundredths. Give your answer as a decimal.

7 hundredths + 34 hundredths =

- 7 Eva drinks a quarter of a litre of water. Mo drinks 0.3 litres of water. Whitney drinks a tenth of a litre more water than Mo. How much water do Eva, Mo and Whitney drink altogether?



- 4 Use the column method to work out the additions.

a)
$$\begin{array}{r} 0.42 \\ + 0.3 \\ \hline . \\ \hline \end{array}$$

d)
$$\begin{array}{r} 0.42 \\ + 0.033 \\ \hline . \\ \hline \end{array}$$

b)
$$\begin{array}{r} 0.04 \\ + 0.33 \\ \hline . \\ \hline \end{array}$$

e)
$$\begin{array}{r} 0.436 \\ + 0.17 \\ \hline . \\ \hline \end{array}$$

c)
$$\begin{array}{r} 0.402 \\ + 0.03 \\ \hline . \\ \hline \end{array}$$

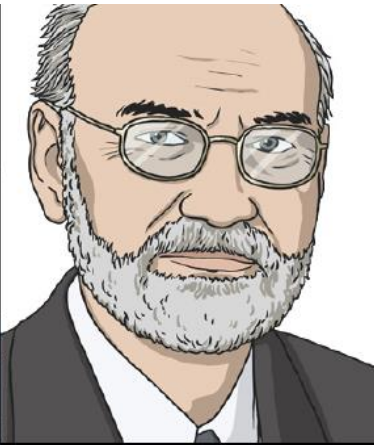
f)
$$\begin{array}{r} 0.751 \\ + 0.09 \\ \hline . \\ \hline \end{array}$$

SCIENCE

Examples of scientists and the new materials they made include:



Ruth Benerito, who invented wrinkle-free cotton.



Spencer Silver, who invented the glue for sticky notes.



Leo Baekeland, who invented a plastic called Bakelite.



Harry Brearley, who invented stainless steel.



John McAdam, who invented tarmac.

The following activity can be done over the course of the next two weeks.

Scientists use chemical reactions to create useful new materials.

Create a fact file about a scientist and the new material they made

You should research the scientist and their life, such as when and where they lived, and what they did. You should also find out about the new material, its properties and how it is useful.

Your fact file could be written on a piece of paper, made into a book or created using a computer. Include pictures and diagrams to add interest!

ANSWERS

10-4-10 ANSWERS

1. Circle all the prime numbers.

2, 1, 7, 6, 20

$$9. 36\% = \frac{36}{100}$$

$$10. \frac{1}{3} + \frac{1}{12} = \frac{5}{12}$$

2. $3659 + 2169 = 5828$

3. $8^2 = 64$

4. What is the value of the underlined digit?

$2,659,\underline{3}21 = 300$

5. Write in words:

$2,165,293 =$ two million, one hundred and sixty five thousand, two hundred and ninety three.

6. $2716 \times 45 = 122,220$

7. Round to the nearest 10:

$2,652,\underline{1}69 = 2,652,170$

8. $2.56 \times 10 = 25.6$

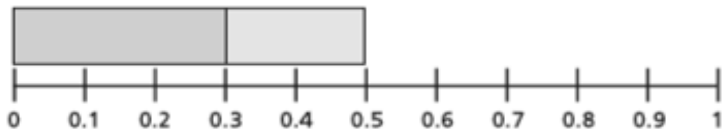
MATHS ANSWERS

Adding decimals within 1

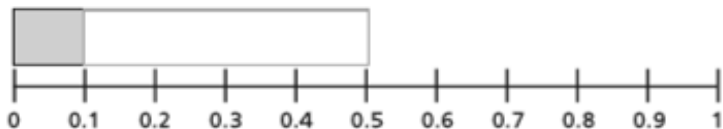
White
Rose
Maths

- 1 Work out the additions.
Use the number lines to help you.

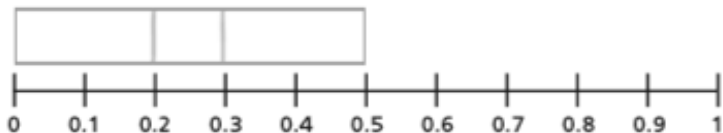
a) $0.3 + 0.2 = 0.5$



b) $0.1 + 0.4 = 0.5$



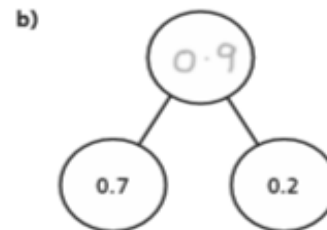
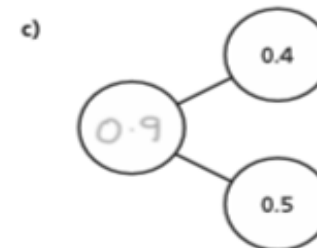
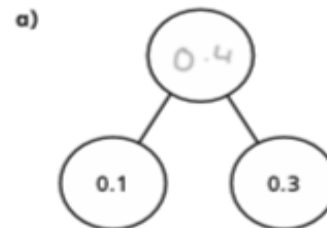
c) $0.2 + 0.1 + 0.2 = 0.5$



What do you notice about your answers?



- 2 Complete the part-whole models.



- 3 Complete the additions.
Use the place value charts to help you.

a) $0.42 + 0.3 = 0.72$

Ones	Tenths	Hundredths

+

b) $0.28 + 0.32 = 0.6$

Ones	Tenths	Hundredths

+

MATHS ANSWERS

c) $0.28 + 0.36 =$ 0.64

Ones	Tenths	Hundredths
	0 0	0000
	0 0 0	000

+



- 5 Jack has set up a column addition to work out $0.19 + 0.07$

What mistake has Jack made?

Jack has forgotten to add the extra 0 in 0.07 therefore the digit 7 is in the wrong place. It should be in the hundredths column.

0	.	1	9
+	0	.	7
<hr/>			
	.		
<hr/>			

- 4 Use the column method to work out the additions.

a)

		0	.	4	2
	+	0	.	3	
<hr/>					
		0	.	7	2

d)

		0	.	4	2
	+	0	.	0	3 3
<hr/>					
		0	.	4	5 3

b)

		0	.	0	4
	+	0	.	3	3
<hr/>					
		0	.	3	7

e)

		0	.	4	3 6
	+	0	.	1	7
<hr/>					
		0	.	6	0 6

c)

		0	.	4	0 2
	+	0	.	0	3
<hr/>					
		0	.	4	3 2

f)

		0	.	7	5 1
	+	0	.	0	9
<hr/>					
		0	.	8	4 1

- 6 Add together 7 hundredths and 34 hundredths.

Give your answer as a decimal.

7 hundredths + 34 hundredths = 0.41

- 7 Eva drinks a quarter of a litre of water.

Mo drinks 0.3 litres of water.

Whitney drinks a tenth of a litre more water than Mo.

How much water do Eva, Mo and Whitney drink altogether?

Eva 0.25 L
Mo 0.3 L
Whitney 0.4 L



0.95 L