

## Year 2 Timetable 10<sup>th</sup> June 2020

### **Reading Mission:**

30 minutes

### **Children to read or support them to read this short text:**

#### **Who is Water Woman?**

Water Woman's real name is Sanita Swimmer. Sanita loved to swim, sail and water ski. One day, Sanita went sailing and was stung by a nasty sea creature. Minutes later, she grew gills and fins, which meant that she could spend more time in the sea and underwater. She soon changed into Water Woman.

#### **Big Superhero Facts:**

- Water Woman loves singing to whales.
- Her favourite drink is a seaweed smoothie – yuck!
- Water Woman's eyes are different colours.
- Her hair changes colour depending on how she is feeling.
- She can talk to all different types of sea creatures.

#### **What are Water Woman's powers?**

Water woman can make herself invisible and can breathe underwater. She can swim super-fast and she is very strong. She can even lift shipwrecks right out from under the ocean. Water woman uses her powers to save people and animals in the water. She also likes to play tricks on the naughty fisherman who try to catch the sea creatures.

#### **Who helps Water Woman?**

A kind fisherman called Frankie Fisher saw her change into Water Woman. He keeps her secret and lets her know if someone is in trouble. She also has a sidekick, Don the Dolphin, who is very clever and helps her whenever he can.

#### **Who is Water Woman's enemy?**

Sharkman is Water Woman's enemy. He hates all sea creatures and often tries to hurt the ones she is trying to save!

**After they can answer these questions, these can be verbal answers or they could be written down or typed. Children could even draw their responses. Suggested answers are in italics in the sheets section.**

What is Water Woman's real name?

What did Sanita love to do before she became Water Woman?

What happened when Sanita got stung by a nasty sea creature?

What is Water Woman's favourite drink?

Can you name two of Water Woman's powers?

It says that Water Woman's hair changes colour depending on how

	<p>she is feeling. What colour do you think her hair will change too if she is happy? What about sad? Or angry?          What does Wonder Woman like doing?</p>
<p><b>Writing Mission:</b>          30 minutes</p>	<p>Your mission today is to use all of the literary terms you have been using so far this week to create a description of your superheroes enemy - their villain! Think carefully about what your superheroes enemy or villain, you may want to consider these questions to help you to write your description:</p> <ul style="list-style-type: none"> <li>- What does your villain look like?</li> <li>- What do they act like?</li> <li>- Why do they not like you?</li> <li>- Are they the opposite to you?</li> <li>- How are they evil? What have they done or planning to do?</li> <li>- Do they have any powers?</li> <li>- How would you describe them?</li> <li>- Do they have a secret base or cave?</li> </ul> <p>Use the questions above to help you to plan your writing mission today. Use all of the literary terms we have already used this week in your writing, such as: Expanded noun phrases (two adjective separated by a comma), suffixes (words ending in ing, er, est, ed, ment, ly) conjunctions (linking or connecting words like because, and, so, but, if) and similes (comparing something to something else – as big as a tree, as tall as a giraffe). This can be a short paragraph describing your superheroes villain. An example is below - the villain of Gold Fire my super hero. There is a sheet in the sheets section if needed as well as a few images of villains below to help you if needed. You could describe on of the villains below if you get stuck.</p> <p><b>Example:</b>  <i>If there was ever a villain to watch out for it is Freezeman. He stands over eight feet tall, as high as a bus, towering over people he encounters. He pale skin is as white as a ghost, and it glistens like defrosting ice in the sun. His cold, pale blue eyes look frightening and evil. He wears a light blue suit, with white boots and gloves, all covered in a cold frost that crunches when he moves. He leaves a trail of ice and frost wherever he goes and can create snow and hail using his eyes. He wishes to freeze the world and everything in it because he wants to create a snowy, freezing kingdom all for himself.</i></p>



**Maths Mission:**

30 minutes

# Superhero Needed!

Help! Evil Doctor Brainiac is going to steal the sun and try to make Earth dark forever!  
Can you crack the code below to find the location of his hideout so we can go and destroy his sun catcher?

a	b	c	d	e	f	g	h	i	j	k	l	m
2	40	41	4	32	91	100	56	43	16	8	82	11
n	o	p	q	r	s	t	u	v	w	x	y	z
71	14	23	3	7	18	99	25	39	79	1	35	90

- |                |                 |                 |
|----------------|-----------------|-----------------|
| 1. $15 - 4 =$  | 7. $69 - 26 =$  | 13. $22 - 8 =$  |
| 2. $13 - 6 =$  | 8. $92 - 21 =$  | 14. $100 - 9 =$ |
| 3. $36 - 18 =$ | 9. $80 - 62 =$  | 15. $99 - 8 =$  |
| 4. $45 - 38 =$ | 10. $65 - 51 =$ | 16. $87 - 44 =$ |
| 5. $20 - 6 =$  | 11. $99 - 28 =$ | 17. $55 - 14 =$ |
| 6. $52 - 12 =$ | 12. $19 - 1 =$  | 18. $45 - 13 =$ |

1 2 3      4 5 6 7 8 9 10 11 12      13 14 15 16 17 18



Uh oh! Today we need your help! Evil Doctor Brainiac is going to steal the sun and try to make Earth dark forever! Can you crack the code below to find the location of his hideout so we can go and destroy his sun catcher? Your maths mission today is to use your super subtraction skills to crack the code to save the world. Use column subtraction to help you to work out the answers to the questions, find the answer in the grid and it links to a letter – will you be able to crack the code?

Tip:

Remember with column subtraction to line up your numbers properly. Always start with the ones because you may need to borrow a ten to help you to subtract. There is an example in the sheets section to help you to do this if you need some help.

**Topic Mission:  
Day 3**

Today your mission is to consider the best materials for superheroes to make their costumes from.

You are going to be thinking about 5 materials that a superhero suit could be made from and investigate which one you think

would be the best material to make a superhero suit from for your new superhero identity. Remember you will have all chosen different identifies and have different powers etc. What is a good material for one superhero may not be so good for a different one.

You are going to need to consider the different properties of each material you are looking at – remember these are the things that define that material (such as waterproof, flexible, bendy, hard, strong, opaque (can't see through it), transparent). There is a full list of these properties if you need a little reminder in the sheets section to help you. You should be able to find all the materials in your house to have a look at and test whether you think the material would make a good suit.

You are going to be investigating the following materials:

- wood
- metal
- plastic
- fabric
- paper

You are going to consider different questions about these materials and then make your decision at the end of the investigation which one you would choose for your superhero suit and why. There is a sheet in the sheets section to support this task but the questions could just be discussed or written down elsewhere for children to answer in written form.

Material	What are the advantages of this material? (Example: It is hard, it is strong, it is transparent)	What are the disadvantages of this material? (Example: It is not flexible, it is weak, it is not waterproof)	Would this make a good material for your superhero suit? Yes or no? Why?
<b>Wood</b>			
<b>Paper</b>			
<b>Metal</b>			
<b>Fabric</b>			
<b>Plastic</b>			

These Missions have been designed to be accessible, using little resources and most importantly fun for your children to complete. Please use what you can, any resources you do not have could be substituted for something else and suggestions have been made for this where possible.

Sheets if needed:

Answers to Guided Reading questions:

What is Water Woman's real name?

*Sanita Swimmer.*

What did Sanita love to do before she became Water Woman?

*She loved sailing, swimming and water skiing.*

What happened when Sanita got stung by a nasty sea creature?

*She grew fins and gills.*

What is Water Woman's favourite drink?

*A seaweed smoothie.*

Can you name two of Water Woman's powers?

*She can breathe underwater, swim super fast and is very strong.*

It says that Water Woman's hair changes colour depending on how she is feeling.

What colour do you think her hair will change too if she is happy? What about sad?

Or angry?

*This is an opinion based question and as long as children can explain their answer they will be correct. Example: If she was angry her hair may turn red as red is an angry colour and makes me think of hot places.*

What does Wonder Woman like doing?

*Singing to the whales.*



## Subtraction: Column Method

$\begin{array}{r} 75 \\ - 48 \\ \hline \\ \hline \end{array}$ <p>Place the numbers one on top of the other, lining up the tens and the ones.</p>	$\begin{array}{r} 75 \\ - 48 \\ \hline \\ \hline \end{array}$ <p>Start by subtracting the ones (always start from the right-hand column). The answer to <math>5 - 8</math> is negative.</p>	$\begin{array}{r} \overset{6}{\cancel{7}}\overset{1}{5} \\ - 48 \\ \hline 7 \\ \hline \end{array}$ <p>Exchange a 10 from the 70 to give 15 ones. Subtract the ones: <math>15 - 8 = 7</math></p>
$\begin{array}{r} \overset{6}{\cancel{7}}\overset{1}{5} \\ - 48 \\ \hline 27 \\ \hline \end{array}$ <p>Subtract the tens: <math>60 - 40 = 20</math></p>	$\begin{array}{r} \overset{6}{\cancel{7}}\overset{1}{5} \\ - 48 \\ \hline 27 \\ \hline \end{array}$ <p>Check your answer. </p>	

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n	o	p	q	r	s	t	u	v	w	x	y	z
71	14	23	3	7	18	99	25	39	79	1	35	90

1.  $15 - 4 =$

7.  $69 - 26 =$

13.  $22 - 8 =$

2.  $13 - 6 =$

8.  $92 - 21 =$

14.  $100 - 9 =$

3.  $36 - 18 =$

9.  $80 - 62 =$

15.  $99 - 8 =$

4.  $45 - 38 =$

10.  $65 - 51 =$

16.  $87 - 44 =$

5.  $20 - 6 =$

11.  $99 - 28 =$

17.  $55 - 14 =$

6.  $52 - 12 =$

12.  $19 - 1 =$

18.  $45 - 13 =$

1 2 3

4 5 6 7 8 9 10 11 12

13 14 15 16 17 18



Answers to Maths Mission if needed:

## Superhero Needed!

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Can you crack the code below to find the location of his hideout so we can go and  
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- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| 1. $15 - 4 = 11$  | 7. $69 - 26 = 43$  | 13. $22 - 8 = 14$  |
| 2. $13 - 6 = 7$   | 8. $92 - 21 = 56$  | 14. $100 - 9 = 91$ |
| 3. $36 - 18 = 18$ | 9. $80 - 62 = 18$  | 15. $99 - 8 = 91$  |
| 4. $45 - 38 = 7$  | 10. $65 - 51 = 14$ | 16. $87 - 44 = 43$ |
| 5. $20 - 6 = 14$  | 11. $99 - 28 = 71$ | 17. $55 - 14 = 41$ |
| 6. $52 - 12 = 40$ | 12. $19 - 1 = 18$  | 18. $45 - 13 = 32$ |

M R S                      R O B I N S O N' S                      O F F I C E  
1 2 3                              4 5 6 7 8 9 10 11 12                      13 14 15 16 17 18



# Properties of Materials

## hard

not easily broken or pierced



A hard diamond.

## squashy

easily crushed or squeezed



The play dough is squashy.

## smooth

an even and regular surface



Some smooth pebbles.

## absorbent

able to soak up liquid



The sponge is absorbent.

## bumpy

uneven, raised patches



This shell is bumpy.

## opaque

cannot be seen through



She is hidden by the opaque screen.

## dull

lacking shine or brightness



The moth's wings are dull.

## brittle

hard, but may break easily



The glass is brittle.

## translucent

allowing some light to pass through



The screen is translucent.



# Properties of Materials

## rigid

unable to be bent or forced out of shape



Stone is rigid.

## transparent

can be seen through



This glass is transparent.

## soft

not firm to the touch



The kitten has soft fur.

## flexible

able to bend



A flexible spring.

## rough

uneven, irregular surface



The log has rough bark.

## waterproof

repels water and liquids



A waterproof coat.

## elastic

springs back once stretched



An elastic band.

## shiny

reflects light, smooth surface



A shiny silver spoon.

## conductor

lets heat, electricity or sound to pass through it



Some metals are conductors of electricity.



Material	What are the advantages of this material? (Example: It is hard, it is strong, it is transparent)	What are the disadvantages of this material? (Example: It is not flexible, it is weak, it is not waterproof)	Would this make a good material for your superhero suit? Yes or no? Why?
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