

# Thursday 18th June 2020

## Please refer to Monday's power point for the 'everyday' activities.

- Remember that we are not using White Rose videos at the moment as we have completed the fractions lessons.
- Here is a Rainforest wordsearch for you. I loved doing wordsearches as a child.
- If you don't know the meaning of a word you could use a dictionary (or google) to look up the meaning.



**Rainforest**

q d u l z e b i r t n l o d  
r s t r o p i c a l s p t z  
e d e f o r e s t a t i o n  
y w v c l i m a t e i i p h  
a g t z x i t a d t c i q t  
l c b y r o t s r e d n u s  
z w s u s t a i n a b l e e  
h q n c r e a t u r e s c r  
a p z h a b i t a t i i q o  
x r a i n f a l l u p g d f  
f l y e n d a n g e r e d n  
a t c a n o p y v v b y n i  
w g k z f h o l i p f a t a  
b l e a m e t s y s o c e r









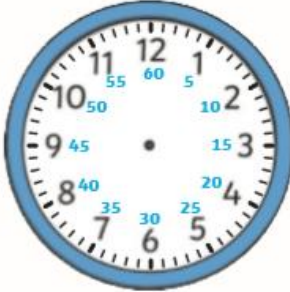

rainforest	layer	climate	sustainable
habitat	tropical	tribe	rainfall
canopy	endangered	ecosystem	
understory	deforestation	creatures	

# Maths !

- **First** complete the ten in ten arithmetic questions, I know that a lot of the time I put more questions on!
- **Grown ups** - as explained on the first slide we are out of videos so we are using a combination of Classroom secrets and White Rose resources.
- **Children** - as we have run out of videos we are going to use some of the classroom secrets power points as your introduction to lessons.
- This week is all about TIME! Some children will find this concept quite tricky, others who sometimes find Maths really tricky may find it quite easy - it sometimes happens with the Maths topics.
- If you have a watch it would be a good idea to wear it each day, having a watch on makes it so much easier to practice telling the time.
- **Finally** check your answers and correct any mistakes, just like we do in class. You can even use a pink and green pen if you want to. (Bonus points if you find a mistake!)
- **Maths this week**
- Monday - time - five minutes - power point and practical
- Tuesday -time - five minutes - clock sheets
- Wednesday - Roman Numerals
- Thursday -Roman Numeral time
- Friday - challenge day!

# Recap/ remember - time facts to remember - you need to know these off by heart.

- 1 minute = 60 seconds
- 60 minutes = 1 hour
- 24 hours = 1 day    48 hours = 2 days
- 7 days = 1 week    14 days = a fortnight
- 4 weeks = 1 month
- 12 months = 1 year
- 10 years = 1 decade

Time		Knowledge Organiser			
<b>Key Vocabulary</b>	<b>Analogue and Digital Clocks</b>				
12-hour time	 <p><b>Minute Hand</b> The long hand points to the minutes past or the minutes to the hour.</p> <p><b>Hour Hand</b> The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.</p>	 twelve o'clock	  quarter past twelve		
24-hour time		 half past twelve	  quarter to one		
Roman numerals		<b>Time and Roman Numerals</b>		<b>Hours, Minutes and Seconds</b>	
analogue			 <p>There are <b>60 seconds</b> in an minute.</p>		<p>There are <b>60 minutes</b> in an hour.</p>
digital					
hours					
minutes					
seconds					
o'clock					
half past					
quarter past					
quarter to					
midday					
midnight					
noon					
 VISIT <a href="https://www.twinkl.com">twinkl.com</a>					

15 in 15. I'm trying to find different mental maths formats so you don't get bored of the same thing everyday.

Column subtraction - remember to start on the left and if there aren't enough ONES exchange a TEN for TEN ONES!

### 3-Digit Subtraction

Regrouping: T1S1

$$\begin{array}{r} 1) \quad 514 \\ - 319 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 273 \\ - 165 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 461 \\ - 428 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 755 \\ - 276 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 856 \\ - 617 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 638 \\ - 482 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 910 \\ - 606 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 313 \\ - 104 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 140 \\ - 123 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 966 \\ - 648 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 524 \\ - 272 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 831 \\ - 750 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad 782 \\ - 496 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad 537 \\ - 260 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad 853 \\ - 835 \\ \hline \end{array}$$

$$\begin{array}{r} 16) \quad 640 \\ - 527 \\ \hline \end{array}$$

$$\begin{array}{r} 17) \quad 415 \\ - 251 \\ \hline \end{array}$$

$$\begin{array}{r} 18) \quad 723 \\ - 517 \\ \hline \end{array}$$

$$\begin{array}{r} 19) \quad 331 \\ - 143 \\ \hline \end{array}$$

$$\begin{array}{r} 20) \quad 974 \\ - 339 \\ \hline \end{array}$$

# 15 in 15 answers

## 3-Digit Subtraction

Regrouping: T151

$$\begin{array}{r} 1) \quad 514 \\ - 319 \\ \hline \quad \mathbf{195} \end{array}$$

$$\begin{array}{r} 2) \quad 273 \\ - 165 \\ \hline \quad \mathbf{108} \end{array}$$

$$\begin{array}{r} 3) \quad 461 \\ - 428 \\ \hline \quad \mathbf{33} \end{array}$$

$$\begin{array}{r} 4) \quad 755 \\ - 276 \\ \hline \quad \mathbf{479} \end{array}$$

$$\begin{array}{r} 5) \quad 856 \\ - 617 \\ \hline \quad \mathbf{239} \end{array}$$

$$\begin{array}{r} 6) \quad 638 \\ - 482 \\ \hline \quad \mathbf{156} \end{array}$$

$$\begin{array}{r} 7) \quad 910 \\ - 606 \\ \hline \quad \mathbf{304} \end{array}$$

$$\begin{array}{r} 8) \quad 313 \\ - 104 \\ \hline \quad \mathbf{209} \end{array}$$

$$\begin{array}{r} 9) \quad 140 \\ - 123 \\ \hline \quad \mathbf{17} \end{array}$$

$$\begin{array}{r} 10) \quad 966 \\ - 648 \\ \hline \quad \mathbf{318} \end{array}$$

$$\begin{array}{r} 11) \quad 524 \\ - 272 \\ \hline \quad \mathbf{252} \end{array}$$

$$\begin{array}{r} 12) \quad 831 \\ - 750 \\ \hline \quad \mathbf{81} \end{array}$$

$$\begin{array}{r} 13) \quad 782 \\ - 496 \\ \hline \quad \mathbf{286} \end{array}$$

$$\begin{array}{r} 14) \quad 537 \\ - 260 \\ \hline \quad \mathbf{277} \end{array}$$

$$\begin{array}{r} 15) \quad 853 \\ - 835 \\ \hline \quad \mathbf{18} \end{array}$$

$$\begin{array}{r} 16) \quad 640 \\ - 527 \\ \hline \quad \mathbf{113} \end{array}$$

$$\begin{array}{r} 17) \quad 415 \\ - 251 \\ \hline \quad \mathbf{164} \end{array}$$

$$\begin{array}{r} 18) \quad 723 \\ - 517 \\ \hline \quad \mathbf{206} \end{array}$$

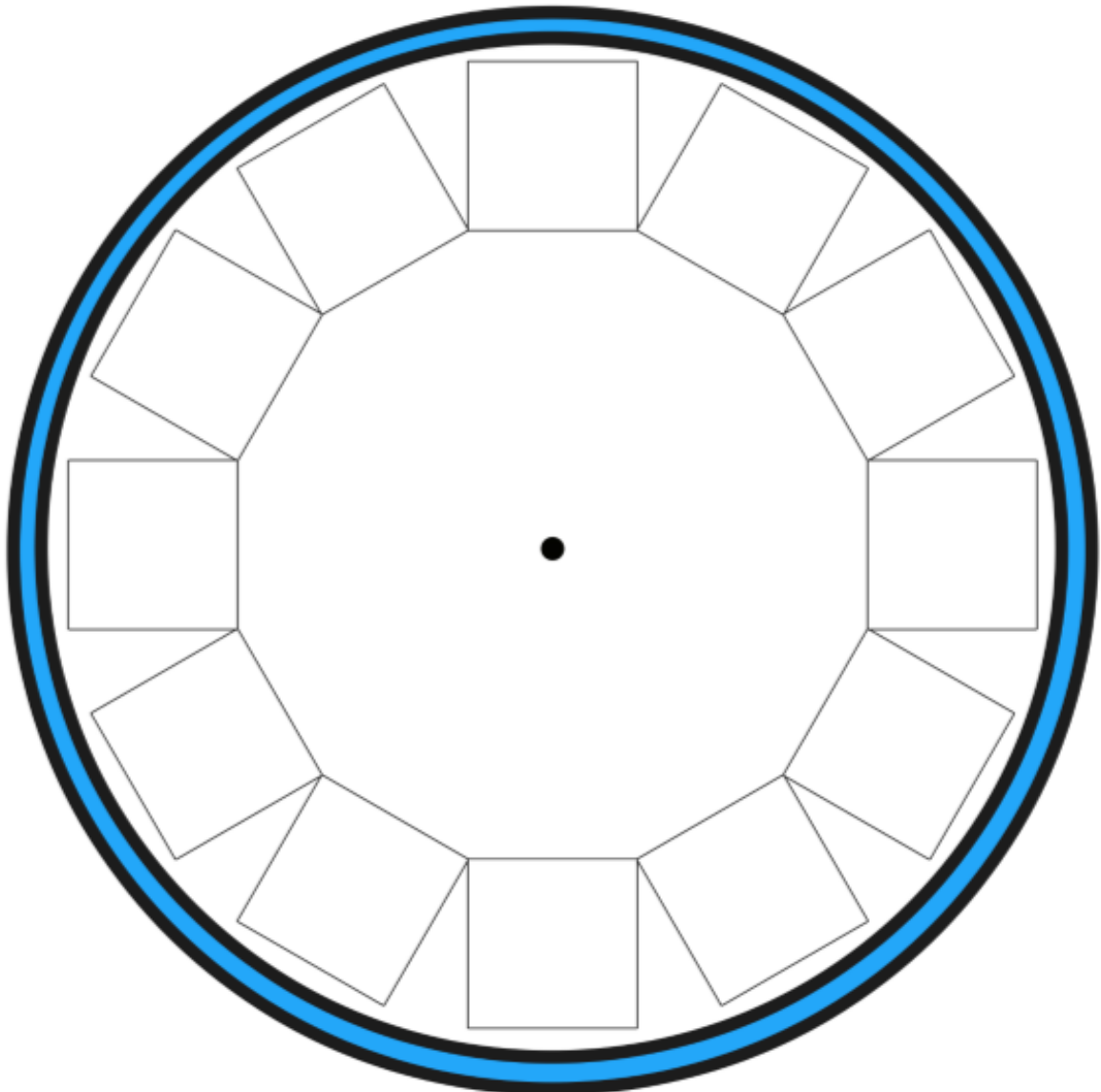
$$\begin{array}{r} 19) \quad 331 \\ - 143 \\ \hline \quad \mathbf{188} \end{array}$$

$$\begin{array}{r} 20) \quad 974 \\ - 339 \\ \hline \quad \mathbf{635} \end{array}$$

Make your own Roman Numeral clock - if you can't print this draw a Roman Numeral clock on paper and card and pop it on the wall to refer to.

### **Roman Numeral Cut and Stick Activity**

Cut out the Roman numerals from the next page and stick them in the correct places on the clock. Then cut out the clock hands and stick them on. You could attach them using a split pin so that they can be moved.



<b>III</b>	<b>XII</b>	<b>VIII</b>	<b>XI</b>	<b>VI</b>
<b>X</b>	<b>IX</b>	<b>IV</b>	<b>II</b>	<b>VII</b>
<b>I</b>	<b>V</b>			



# Warm up

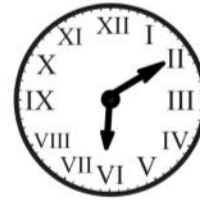
Introduction

Roman numerals are sometimes used on clock faces.

Let's recap them:

1	=	I	7	=	VII
2	=	II	8	=	VIII
3	=	III	9	=	IX
4	=	IV	10	=	X
5	=	V	11	=	XI
6	=	VI	12	=	XII

## Roman Numerals Time Telling Activity



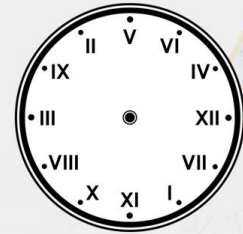
## Roman Numerals Time Telling Activity



Introduction

The Roman numerals on the clock face have been muddled up.

Put them back into the correct order.



Write the  
time in  
words.



# Warm up answers

Bottom sheet from left to right

One o'clock

Six o'clock

Nine o'clock

Four o'clock

Two o'clock

Half past ten

Half past seven

Half past three

Half past eleven

Top sheet from left to right

Ten to two

Ten past six

Twenty five to nine

Five past four

Five to one

Twenty past ten

Twenty five past seven

Twenty to four

Five to twelve

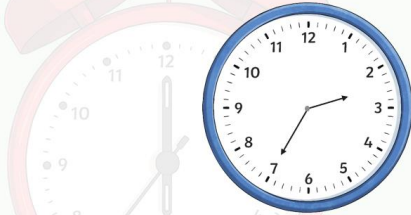
# Developing level (easier)

Telling the time to 5 Minutes

Diving



Which of the times match the time shown on the analogue clock?



25 minutes to 2

25 minutes to 3

quarter past 7

Telling the time to 5 Minutes

Diving



This clock should show 6 o'clock.

What Roman numeral should the hour hand be pointing to?



VII

VI

V

Telling the time to 5 Minutes

Deeper



Match the times in words to the correct clock face.

5 minutes past 6

25 to 4

20 minutes past 3

20 minutes past 1



A



B



C

Which time is not shown on a clock?

1) Write the time shown on each clock.



a) \_\_\_\_\_ to \_\_\_\_\_



b) \_\_\_\_\_ minutes past \_\_\_\_\_

2) Draw hands to show the times given.



a) 25 past 6



b) 25 to 6



c) quarter past 5



d) quarter to 5

3) This clock uses Roman numerals.



a) If the clock shows 5 minutes to 8, what Roman numeral should the minute hand be pointing to?

XI

X

IV

VIII

b) What Roman numeral should the hour hand be pointing to when the clock shows 8 o'clock?

# Expected - year 3 level

Telling the time to 5 Minutes Deeper

Match the times in words to the correct clock face.

5 minutes past 6

25 to 4

20 minutes past 3

20 minutes past 1

Which time is not shown on a clock?

1) Match the time to the correct clock face. Which time is left over?

5 minutes past 6

20 minutes to 4

20 minutes past 3

20 minutes past 1

2) Each clockface shows times in the afternoon or evening. Order the times from earliest (1) to latest (6).

Telling the time to 5 Minutes Deeper

Each clockface shows a time in the morning. Order the times from earliest to latest.

3) Year 3 are discussing the time shown on the analogue clock.

Phoebe: The hour hand isn't on 5 so it must be ten minutes to 4.

Matthew: The clock shows ten minutes to five.

Which of the children do you agree with? Explain your answer fully.

Telling the time to 5 Minutes Deeper

Year 3 are discussing time shown on the analogue clock.

Robert: At half past nine, the hour hand will be half way between eight and nine on the clock face.

Sanjay: I disagree. I think it will be halfway between nine and ten.

Sanjay is correct. At half past the hour, the hour hand sits half way between that hour and next hour.

Which of the children do you agree with? Explain your answer fully.

# Greater depth - trickier

**Telling the time to 5 Minutes** Deeper

Match the times in words to the correct clock face.

- 5 minutes past 6
- 25 to 4
- 20 minutes past 3
- 20 minutes past 1

Which time is not shown on a clock?

**Telling the time to 5 Minutes** Deepest

The clock face has lost its minute hand. What time could it be? Explain your answer.

**Telling the time to 5 Minutes** Deepest

Two friends draw 25 minutes past 4 on an analogue clock that uses Roman numerals.

Michelle: The minute hand will be on V.

Ruby: The minute hand will be on VII.

Which of the children do you agree with? Explain your answer fully.

**Telling the time to 5 Minutes** Deepest

How many times can you find between 4 o'clock and 7 o'clock where the minute hand is a multiple of 2? Explore.

- 1) The clock face has lost its minute hand. What time could it be? Explain your answer.



- 2) Two friends draw 20 minutes to 7 on an analogue clock that uses Roman numerals.



Sunni

The minute hand will be on VII.



Jenson

The minute hand will be on VIII.

- Which of the two friends do you agree with? Explain fully.

- 3) Year 3 went to the theatre. The show started at 20 past 1.



- a) Which of the clock faces show the latest time that year 3 could have sat in their seats, without missing any of the show. Explain fully.
- b) If year 3 sat in their seats at the time shown on the first clock, would they have been early or late? Explain your answer.

- 4) What times between 7 o'clock and 9 o'clock can you find where the minute hand points to a multiple of 3? Explore.

# Answers

Telling the time to 5 Minutes Deeper

Match the times in words to the correct clock face.

5 minutes past 6

25 to 4

20 minutes past 3

20 minutes past 1



Which time is not shown on a clock?

Telling the time to 5 Minutes Deeper

Each clockface shows a time in the morning. Order the times from earliest to latest.



5 minutes to 7

25 minutes past 8

25 minutes past 10

20 minutes past 11

Telling the time to 5 Minutes Deepest

Two friends draw 25 minutes past 4 on an analogue clock that uses Roman numerals.

Michelle

The minute hand will be on V.

The minute hand will be on VII.

Michelle is correct because the minute hand will need to be on 5 and V = 5.

Ruby

Which of the children do you agree with? Explain your answer fully.

Telling the time to 5 Minutes Deepest

How many times can you find between 4 o'clock and 7 o'clock where the minute hand is a multiple of 2? Explore.

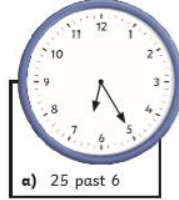
- 10 past 4/5/6
- 20 past 4/5/6
- half past 4/5/6
- 20 to 5/6/7
- 10 to 5/6/7
- 4/5/6/7 o'clock



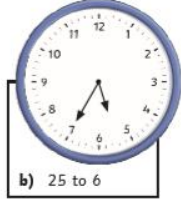
1) a) quarter to 1

b) 25 minutes past 2

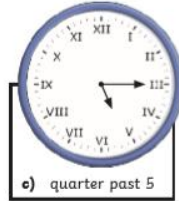
2)



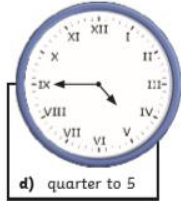
a) 25 past 6



b) 25 to 6



c) quarter past 5



d) quarter to 5

3) a) XI

b) VIII

Answers

1)

5 minutes past 6

20 minutes to 4

20 minutes past 3

20 minutes past 1



2)



2



1



6



4



3



5

3)

Matthew is correct. The time shows ten minutes to five. The hour hand is not touching 5 o'clock because there are still ten minutes to pass before it is 5 o'clock.

1)

As the hour hand sits halfway between the 3 and the 4, it is most likely that the time could be half past 3. However, other times close to this may also be considered correct.

2)

Jenson is correct. VIII represents the number 8 on the clockface.

3)

a) The second clockface, showing quarter past 1, would have been the latest time that year 3 could have taken their seats.

b)

Year 3 would have been late to the show. The show started at 20 past 1 but they sat down at 25 to 2.

4)

quarter past any 7 or 8  
half past 7 or 8  
quarter to 8 or 9  
7 o'clock, 8 o'clock or 9 o'clock

# Challenge! - optional

- Remember that these type of questions have more than one answer!
- Have fun finding the different ways.

# Challenge answers

## Hours in a Day

1. Jess needs to complete as many activities as she can in 24 hours. What combination of the activities below could Jess complete? How many different combinations can you find?

Activity	Time in Hours and Minutes
Swim	1 hour 30 minutes
Ride a bike	45 minutes
Read a book	1 hour 30 minutes
Watch TV	30 minutes
Bake a cake	2 hours
Walk the dog	1 hour 15 minutes
Colour in	1 hour 15 minutes
Take a bath	30 minutes
Go to the park	1 hour 30 minutes
Dance class	45 minutes
Chores around the house	45 minutes
Cinema trip	4 hours 45 minutes
Visit a friend	4 hours 30 minutes
Sleep	8 hours

Various possible answers including:

- Walk the dog
- Swim
- Chores around the house
- Visit a friend
- Bake a cake
- Cinema trip
- Ride a bike
- Take a bath
- Sleep

Which combination of activities could Jess complete which leaves her with 4 hours to spare?

Various possible combinations including: read a book, watch tv, visit a friend, take a bath, ride a bike, swim, colour in, go to the park, sleep.

# English Spellings: Thursday

Spellings are a little different this week as we are going to focus on some topic words.

On the next slide are several activities you can do at home to practice your spellings. This is also a good idea to practise your kinetic letters handwriting.

Learning how to spell

look 

say 

cover 

write 

check 

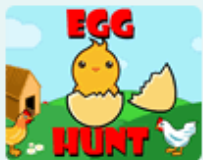
## Your spellings:

1. canines
2. incisors
3. molars
4. biting
5. Chewing
6. enamel
7. dentine
8. premolars
9. swallowing
10. biting

Why not try some of these spelling games online.

## Spelling games

### Free games



#### Egg Hunt

Crack the eggs!

1 m



#### Bouncing Anagram

A lively anagram spelling game.

2 m



#### Word Search, small

The classic English word game.

1 m



#### Against the Clock

Spelling 'against the clock'.

2 m

[https://www.spellzone.com/word\\_lists/games-5972.htm](https://www.spellzone.com/word_lists/games-5972.htm)



# English Spellings: Thursday

## Activity 1:

Make a word search with your words. You will need some square paper. First write your words either vertically or horizontally in the blank squares. Then you will have to fill in the empty squares with letters to hide your words.

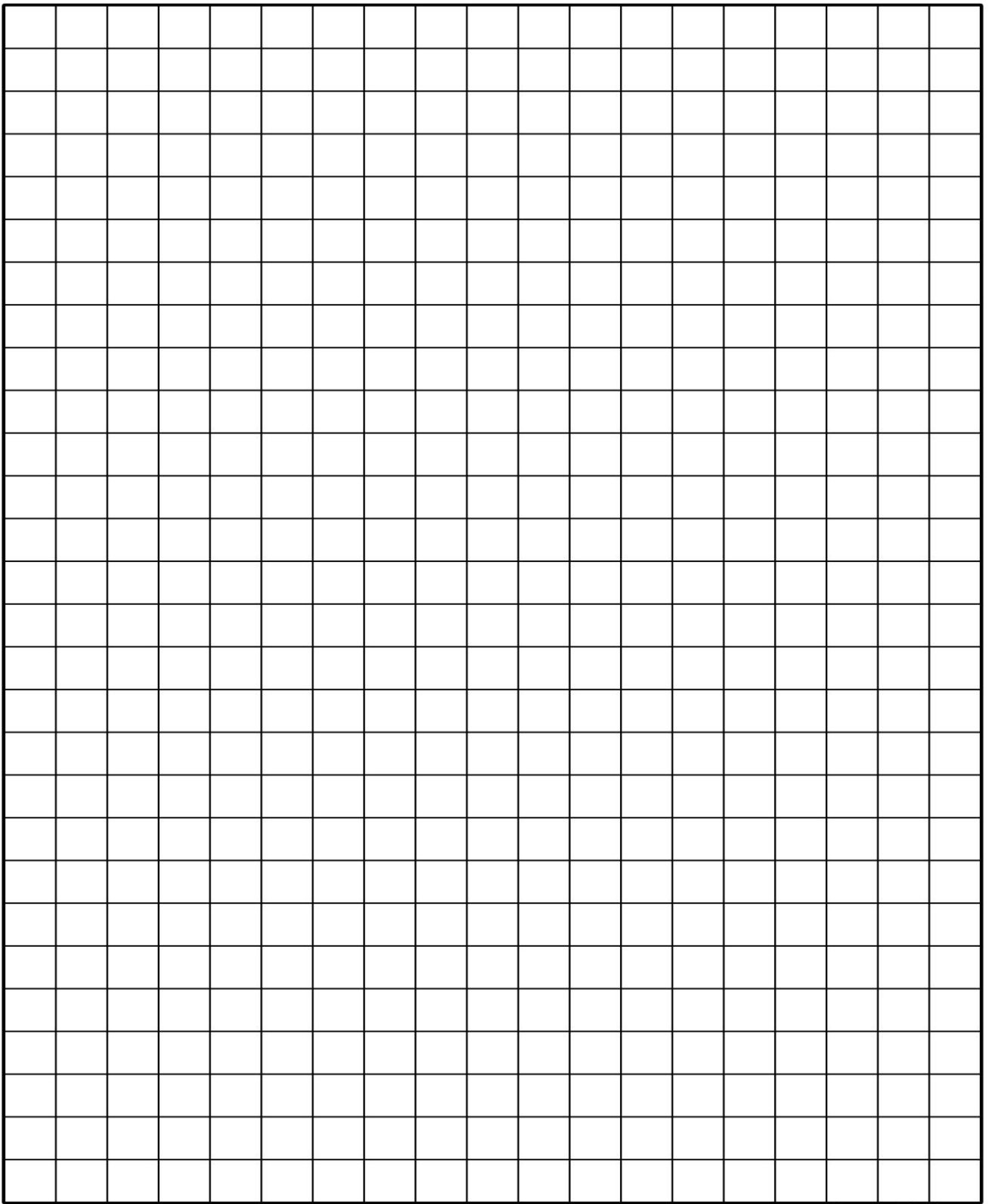
Ask a member of your house to complete your word search.



## Activity 2:

Write funny sentences using your spelling words. Write them in your best kinetic letter handwriting. You can use the sheet in this PowerPoint to practise on.





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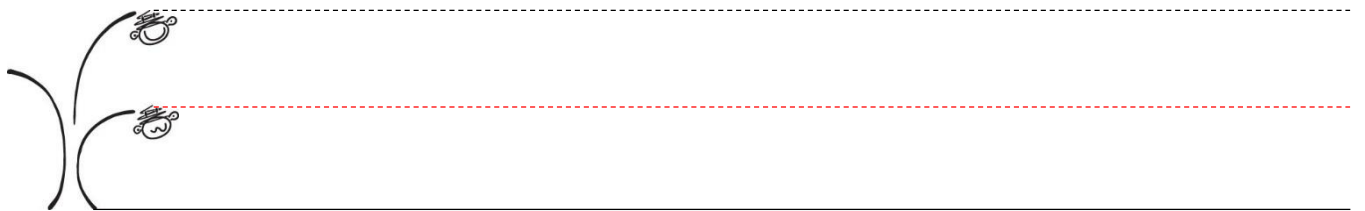
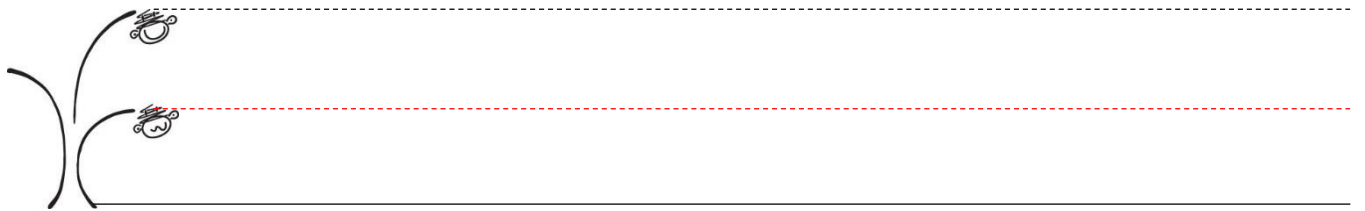
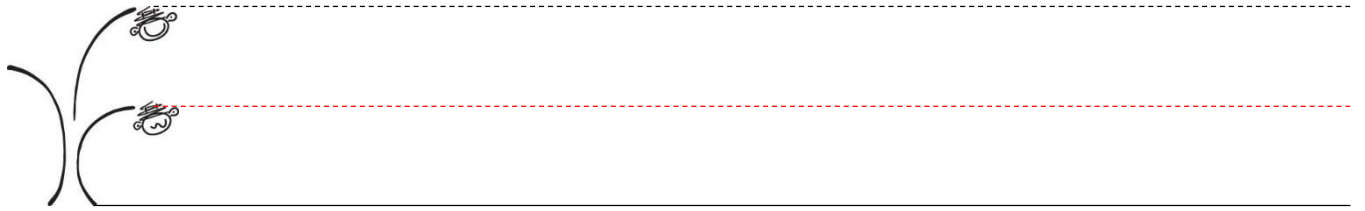
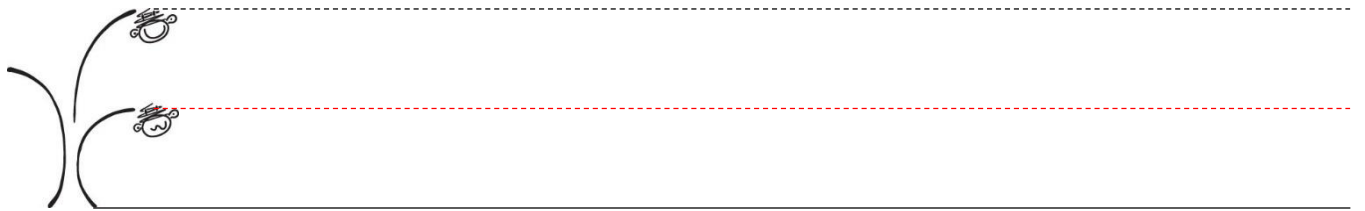
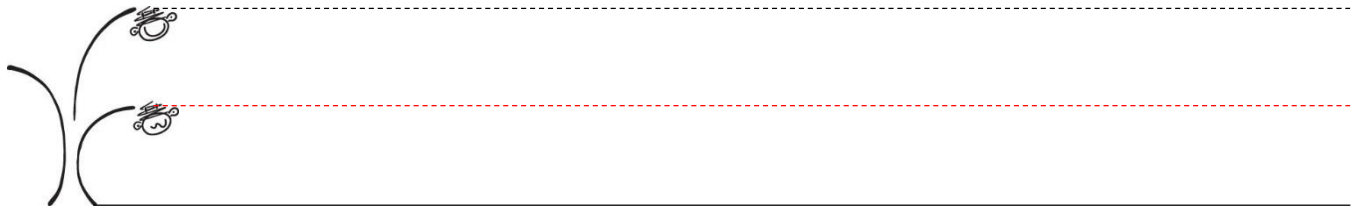
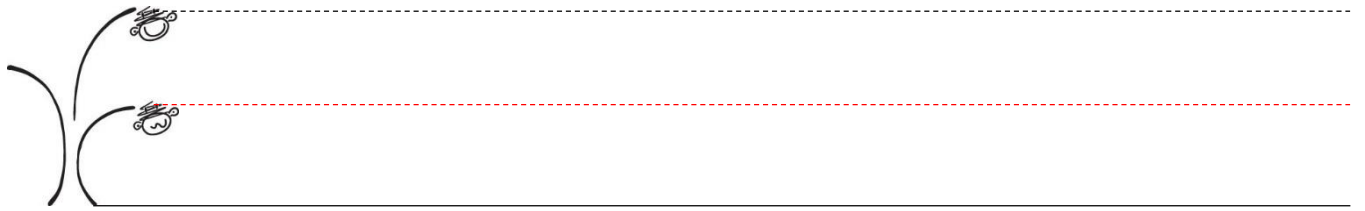
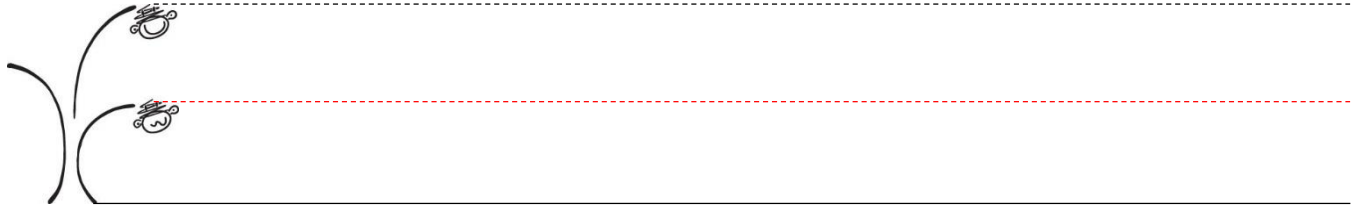
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# Kinetic letter practise grid



# Optional art activity

Why not try something different today or this week and learn how to create a beach scene step by step. This tutorial will talk you through creating your own scene. All you need are some paints, brushes and a sheet of A4 paper.



How To Paint a Sunset with Palm Trees --Art Lesson for Kids

<https://www.youtube.com/watch?v=swu28u4l3Fo>