

## Year 4 Remote Learning – Week 2

Subject	Work at home ideas
Reading  A daily story will be uploaded	<ul style="list-style-type: none"> <li>• Reading Plus: log on and complete the readings provided.</li> <li>• Remember ALL reading is important! Read any books you have at home, share with your family. Perhaps you could read to brothers and sisters too.</li> <li>• Focused reading questions will be uploaded to Dojo twice throughout the week</li> <li>• Reading comprehension – there are two to choose from, one fiction and one non-fiction.</li> </ul>
Spelling	<ul style="list-style-type: none"> <li>• Year 4 spellings on class Dojo as per usual. Some extra practice words might also be included. Extra SPAG sheets to help consolidate spelling, grammar and punctuation.</li> </ul>
English	<p><b>Monday</b> – Non-Fiction Information Leaflets</p> <p><b>What features do we need in an information text?</b></p> <p><b>TITLE</b> Tells the reader what the text is all about.</p> <p><b>Headings and Subheadings</b> Heading I Heading II Heading III</p> <p><b>Main headings</b> Main headings give sections of text their own title.</p> <p><b>Sub-headings</b> Sub-headings create even smaller sections of text with their own headings.</p> <p><b>BULLET POINTS</b> Some of the text may be written using bullet points rather than full sentences.</p> <p><b>OPENING STATEMENT</b> The opening statement, or introductory paragraph, contains the most important information of the text.</p> <p><b>DIAGRAM</b> A diagram is a labelled picture that shows the reader something important that was mentioned in the text. It may have a title and normally has a caption to state what the image shows. You may also see photographs used in this way.</p> <p><b>TASK 1 - CAN YOU FIND THESE FEATURES?</b></p> <p>Heading Picture Labels Sub heading Paragraphs</p>

If you can find some different ones then add these as well. Make your own poster explaining people what key features should be included in an information leaflet.

Information Texts

Recap on the features of an information leaflet

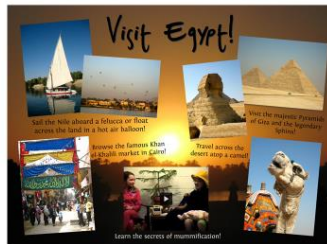
What features could I include in my own information leaflet?

- Page title
- Headings and sub-headings
- Paragraphs with a main introductory paragraph
- Diagrams, pictures or photographs with captions
- Bullet points
- Text boxes

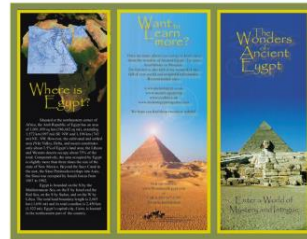
## Tuesday – Non Fiction Information texts

Today you are going to decide if you want to make an information leaflet about Ancient Egypt or Egypt today.

[HTTP://WWW.PRIMARYHOMEWORK  
HELP.CO.UK/EGYPT/TODAY.HTML](http://www.primaryhomeworkhelp.co.uk/egypt/today.html)



[HTTPS://WWW.DUCKSTERS.COM/HI  
STORY/ANCIENT\\_EGYPT.PHP](https://www.ducksters.com/history/ancient_egypt.php)



Once you have made your choice, read through the information page or go to the website on the powerpoint slide and underline/note down key parts you may want to include. These can then be added to your recording page.

Use different colours to underline the key parts and then they will be easier to see when you start writing your booklet for example – anything to do with places to see in purple, anything to do with food in blue etc

English – Day 2 /

Use this to collect your information about Egypt

Egypt



Where is Egypt?	What foods do people eat?

	<table border="1"> <tr> <td data-bbox="421 206 737 443">What is the weather like?</td><td data-bbox="737 206 1050 443">Places to visit</td></tr> <tr> <td data-bbox="421 443 737 680">Culture</td><td data-bbox="737 443 1050 680">Did you know?</td></tr> </table>	What is the weather like?	Places to visit	Culture	Did you know?
What is the weather like?	Places to visit				
Culture	Did you know?				
	<p><b>Wednesday</b> – Non fiction</p> <p>Today you are going to start writing your information leaflet. You should start with a short paragraph of writing explaining to people what they will find in the leaflet – remember do not tell them any of the information eg. in the leaflet you will find out about Ancient Egypt, how people lived, what they ate and how they behaved.</p> <p>Used the sheet from yesterday with your ideas on – if you were not finished collecting your ideas, you can do that first. There are 2 leaflet templates to choose from or you might want to do one of your own. Your leaflets should be bright, colourful and appealing to the audience. There are a couple of examples on the overview for Tuesday.</p> <p><b>Thursday</b> – Non fiction</p> <p>By today, you should be finishing your leaflet. This includes adding your pictures, caption, labels and making it look appealing to people who might want to visit Egypt. Have a look at the 2 examples on the Tuesday overview in case you are stuck.</p>				
	<p><b>Friday</b> – Today, you are going to write a letter to your teacher to persuade them to visit Egypt – past or present. Attached is a letter template to help you.</p> <ol style="list-style-type: none"> <li>1. Your letter should include an opening telling your teacher why you are writing to them.</li> <li>2. Pick out 3 things to help to sell visiting Egypt to them eg. Places to visit, food, weather etc – remember you have to make it sound amazing!</li> <li>3. A final sentence to close your letter eg I hope you decide to visit Egypt and enjoy the fantastic opportunities it has to offer!</li> </ol>				
<b>Maths-</b>	Monday- LI: Can I round a number to the nearest 10/100/1000?				

## Times Table Rock Stars

Mental Maths  
practice-  
<https://www.topmarks.co.uk/maths-games/daily10>

Using what you learnt last week on rounding, try to solve the problem of the missing penguin.

### ROUNDING

Underline the digit  
look next door.

If it's 5 or greater  
add one more.

If it's less than 5  
leave it for sure.

Everything after  
is a zero, not more.

There has been a serious incident this morning at Blackpool Zoo, one of the penguins has been kidnapped and it is our job to help Agent Gibbs find the thief.



Blackpool Zoo has pressure sensitive floors, all people who were at the scene have had their weight recorded. The thief was known to weigh about 70 kg. Unfortunately the scales aren't very accurate so you need to round the reading to the nearest 10 kg.



Suspect	Tom	Dave	Rachel	Chris	Tracy	Florence
Weight (kg)	64	72	67	81	55	68
Rounded to nearest 10						

There are several hideouts the thief could have escaped to. Agent Gibbs needs to find out where the thief is hiding. The suspect was known to have fled to their favourite holiday destination. The getaway car was filled up at a local petrol station with enough fuel to go about 4,000 miles. You need to round each distance to the nearest 1,000 miles.

Suspect	Tom	Dave	Rachel	Chris	Tracy	Florence
Distance (miles)	3,641	3,724	2,890	1,812	9,081	4,363
Rounded to nearest 1,000						

A witness statement from Jack, a local resident, says the thief was about the same height as the prize rose bush 100cm. Each suspect's height has been retrieved from Zoo's database. You need to round each height to the nearest 100cm.

Suspect	Tom	Dave	Rachel	Chris	Tracy	Florence
Height (cm)	177	192	165	142	167	148
Rounded to nearest 100						

Cross off any suspects that you have ruled out.

Suspect: Tom Dave Rachel Chris Tracy Florence

Write a short report for Agent Gibbs saying who you think the thief is and why.



## Tuesday- L/I: Can I estimate answers?

Recap:

What does estimate mean?

When in real life would you use an estimate?

Why does an estimate need to be quick?

If the digit is less than 5 do we round up or down?

What about if the digit is 5 or more?

### For example:

Decide whether these numbers should be rounded to the nearest 10 or 100.

Match the calculations with a good estimate.

$345 + 1,234$

$3,000 + 6,000$

$2,985 + 6,325$

$3,500 + 1,200$

$3,541 + 1,179$

$350 + 1,200$

$2,135 + 6,292$

$2,000 + 6,000$

When the numbers are rounded the equations are easier to work out

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Which calculation gives the best estimate for  $2,508 + 6,428$ ?

$2,500 + 6,400$

$3,000 + 7,000$

$3,500 + 6,400$

How would you explain this question?

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### Practice:

Estimate these equations by deciding whether to round to the nearest 10, 100, 1,000:

1.  $164 + 87 =$

2.  $288 + 41 =$

3.  $112 - 73 =$

4.  $439 - 55 =$

5.  $4,533 + 1,620 =$

6.  $2,870 + 2,435 =$

7.  $7,965 - 258 =$

8.  $4,310 - 2,890 =$

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Challenge Q:

### Apply

George and Rita are estimating an answer to  $3,678 + 1,982$ .



George

The answer is about 5,700.



Rita

The answer is about 4,000.

Who has made the most sensible estimate?  
Explain your choice.

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Wednesday - L/I: Can I remember how to use the column method for addition and subtraction?

Subtraction: Column Method	
<b>1</b> $\begin{array}{r} 63 \\ -48 \\ \hline \end{array}$	<b>2</b> $\begin{array}{r} 63 \\ -48 \\ \hline \end{array}$
Place the numbers one on top of the other, lining up the tens and ones.	Subtract the ones (note that the answer to $3 - 8$ is negative).
<b>3</b> $\begin{array}{r} 63 \\ -48 \\ \hline 5 \end{array}$	<b>4</b> $\begin{array}{r} 63 \\ -48 \\ \hline 15 \end{array}$
Exchange a 10 from the 60 to give 13 ones. Subtract the ones: $13 - 8 = 5$	Subtract the tens: $50 - 40 = 10$
<b>5</b> $\begin{array}{r} 63 \\ -48 \\ \hline 15 \end{array}$	
Check your answer.	

Addition: Column Method	
<b>1</b> $\begin{array}{r} 23 \\ +48 \\ \hline \end{array}$	<b>2</b> $\begin{array}{r} 23 \\ +48 \\ \hline 1 \end{array}$
Place the numbers one on top of the other, lining up the tens and ones.	Add the ones and write the answer.
<b>3</b> $\begin{array}{r} 23 \\ +48 \\ \hline 1 \end{array}$	<b>4</b> $\begin{array}{r} 23 \\ +48 \\ \hline 71 \end{array}$
Regroup any tens under the tens column.	Add the tens including any tens you have regrouped.
<b>5</b> $\begin{array}{r} 23 \\ +48 \\ \hline 71 \end{array}$	
Check your answer.	

### Practice-

**1**

$$\begin{array}{r} 4652 \\ + 3837 \\ \hline \end{array}$$

**2**

$$\begin{array}{r} 2389 \\ + 1543 \\ \hline \end{array}$$

**3**

$$\begin{array}{r} 4925 \\ + 2635 \\ \hline \end{array}$$

**1**

$$\begin{array}{r} 2386 \\ - 1571 \\ \hline \end{array}$$

**2**

$$\begin{array}{r} 4528 \\ - 1964 \\ \hline \end{array}$$

**3**

$$\begin{array}{r} 5142 \\ - 3650 \\ \hline \end{array}$$

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Challenge Q-



### Embed 1-

1. Kieran needs to run 2500 metres. In the first ten minutes he runs 639 metres and in the second ten minutes he runs 794 metres. How much further does he still need to run?

Show your workings.

### Thursday- L/I: Can I use checking strategies to check my answer?

What does **inverse** mean? **Inverse means opposite.**

What is the inverse of subtraction? **Addition.**

What is the inverse of addition? **Subtraction.**

#### Fact families:

We have just worked out that  $3,465 = 2,980 + 485$

What other facts do we know?

$$2980 + 485 = 3,465$$

$$\underline{\quad} + \underline{\quad} = 3,465$$

$$3,465 - \underline{\quad} = \underline{\quad}$$

$$3,465 - \underline{\quad} = \underline{\quad}$$

#### Practice:

Write the fact families for:

- $3584 + 2538 = 6122$
- $4786 - 2579 = 2207$
- $3578 + 2494 = 6072$
- $8315 - 4357 = 3958$
- $4936 + 2189 = 7125$

#### Challenge Q-

Embed:

I completed an addition and then used the inverse to check my calculation. When I checked my calculation, the answer was 3,800. One of the other numbers was 5,200. What could the calculation be?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} - \underline{\quad} = 3,800$$

Friday- LI: Can I multiply and divide by 11?

This song will help you remember them:

<https://www.youtube.com/watch?v=uxduaTmon6g>

### What is the 11 timetable?

What tricks do you know to help you remember this?

1x11=	9x11=
2x11=	10x11=
3x11=	11x11=
4x11=	12x11=
5x11=	
6x11=	
7x11=	
8x11=	

**Practice:** Write the fact families for:

1.  $11 \times 6 =$
2.  $10 \times 11 =$
3.  $11 \times 12 =$
4.  $22 \div 11 =$
5.  $55 \div 11 =$

Challenge Q-

Embed:

9a. Ethan is working out the multiplication problem  $18 \times 11$ .



I know the answer is 188, because it's the same as  $10 \times 11$  add  $8 \times 11$ .

Is Ethan correct?  
Explain your answer.