



HILL WEST *Primary*

FOUR OAKS

Home Learning Pack

Year 5

Week Beginning 28.09.20



Home Learning Links

Oak National Academy

Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.

www.thenational.academy

BBC Bitesize

With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.

<https://www.bbc.co.uk/bitesize>

World Book Online

World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.

<https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDEzMzA2Mjp1cw%3D%3D>

Read Works.org

Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.

<https://www.readworks.org/>

Tutortastic

An online platform with tutorials and videos for home learning.

<https://www.tutortastic.co.uk/blog/homelearning>

Education Quizzes

A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.

<https://www.educationquizzes.com/ks1/>

Top Marks

A range of activities here but especially good interactive activities for maths.

<https://www.topmarks.co.uk/>

Classroom Secrets

Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs

<https://kids.classroomsecrets.co.uk/>

National Geographic

National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.

<https://www.natgeokids.com/uk/teacher-category/primary-resources/>

Reading Eggspress

Reading Eggspress has lots of reading activities including comprehension and retrieval questions to have a go at. Your child's username and password can be found in their Reading Diary.

https://readingeggspress.co.uk/?_ga=2.107706762.961348329.1601363904-660844018.1598947512

Top Marks – Division

We have been learning about division this week, mostly looking in-depth at partitioning and we will transition into using the short method for division. Here are some great maths games to play on Laptops or iPads.

<https://www.topmarks.co.uk/Search.aspx?q=division>

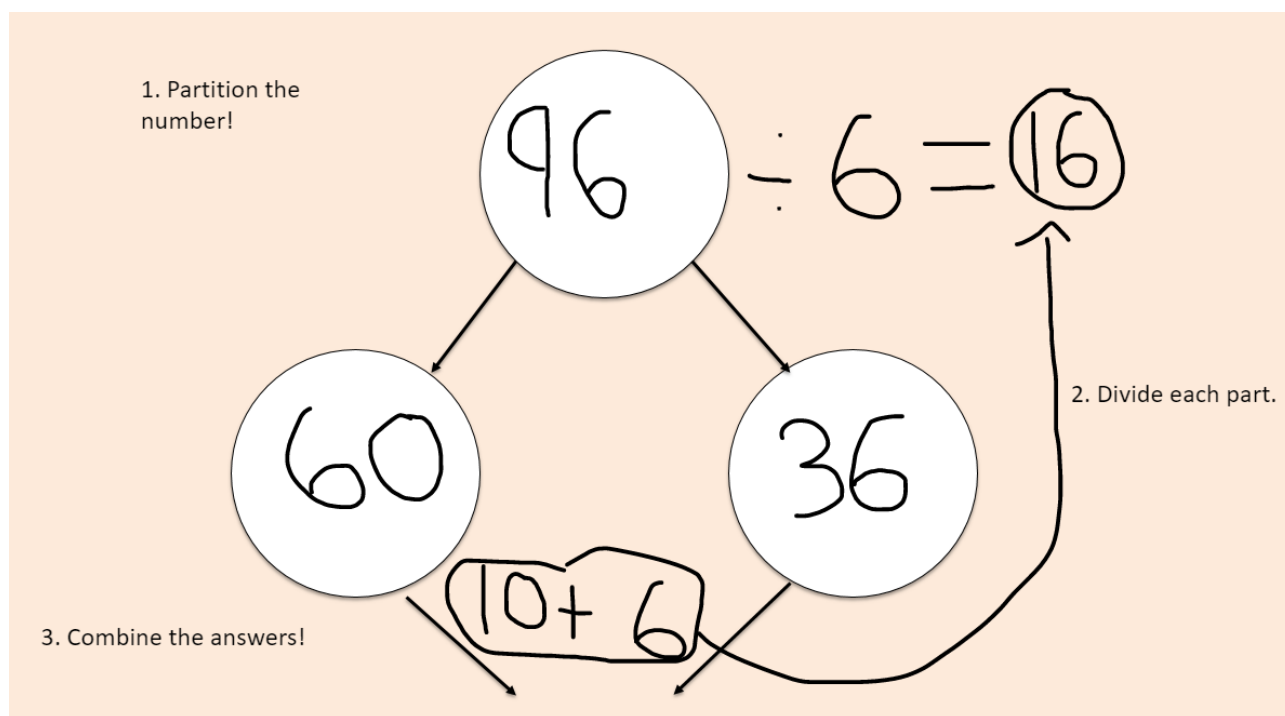
Times Tables Rockstars

This is a great times tables game, practice all of the tables up to 12 x 12. Your child's username and password can be found in their Homework Book.

<https://trockstars.com/>

Monthly Medium-Term Overview for September		
Reading	Writing	Speaking and Listening
Reading The children will be reading 'The Nowhere Emporium' and 'Leon and the place between'. <ul style="list-style-type: none"> I can check that the text makes sense, then discuss my understanding and explain the meaning of the words in context. I can draw inferences such as inferring characters' feelings, thoughts and motives. I can confidently use intonation when reading aloud and when using punctuation. I can comment on the overall effect on the reader, using words and quotes from the text. 	Handwriting <ul style="list-style-type: none"> I can increase the legibility, consistency and quality in my handwriting. To continue to improve the joins: (he, we and re); (fte, fir and fin); (wra, wri and kni); (ew, ev and ex). Spelling <ul style="list-style-type: none"> I will continue to develop my understanding of common exception words and their spellings using no-nonsense spelling. Writing <ul style="list-style-type: none"> I can confidently draft and write by composing and rehearsing sentences orally. In my draft narrative, I include settings, narrative, characters and plot from my imagination. I can choose appropriate vocabulary to describe a setting and character. I can use fronted adverbials. 	<ul style="list-style-type: none"> I can show an increasing level of attention when participating in collaborative conversations about a topic, responding and initiating comments. I am beginning to give well-structured descriptions and narrative.
		Maths Arithmetic <ul style="list-style-type: none"> I can count in multiples of 10's, 100's, 1000's (Forwards and Backwards) I can place numbers on a number-line. I can partition numbers up to 3 digits to divide them by a 1-digit number. I can identify factors of given numbers. I can estimate numbers based on data. Reasoning <ul style="list-style-type: none"> I understand that multiplication is commutative and division is not. I can round 3 and 4-digit numbers to the nearest 10, 100 and 1000 I can partition numbers to divide them by a 1-digit number. I can place negative numbers on a number-line Problem solving <ul style="list-style-type: none"> Solve 2-step word problems in addition (Link to money. Solve 2-step word problems in subtraction (Link to money. I can solve difference problems using a variety of data sets.
Personal Development and Wellbeing	Science	
<ul style="list-style-type: none"> I can develop strategies for when I make a mistake. I can identify why making mistakes is useful and can help me make progress. I can resolve differences by looking at alternatives, seeing and respecting others' points of view, making decisions and explaining choices. I can identify different types of relationships and show ways to maintain a healthy friendship. I can show an understanding that actions have consequences and how these may affect other people. 	<ul style="list-style-type: none"> I can ensure that an experiment will be a fair test and can assess it fairness. I can identify how sounds are made, sound travels in waves. I can explain patterns in pitch. I can investigate which materials are the most soundproof. I can categorise and describe living things by their features. I recognise that environments change and that this can pose difficulties for animals, I will investigate how humans can help. 	
	P.E. <ul style="list-style-type: none"> To develop athletics skills, including track and field activities. To learn how to use your body effectively to maximise success in various track and field sports. To develop skills in both long-jump and triple jump in order to beat baseline targets. 	

Maths - Partitioning (Monday)



Have a go at some of these:

1. $84 \div 4 =$
2. $45 \div 3 =$
3. $66 \div 3 =$
4. $98 \div 7 =$
5. $125 \div 5 =$

Hint: Multiply the divisor by 10 and work out what is left over.

Challenge:

9

Write $<$, $>$ or $=$ to make the statements correct.

$$96 \div 8 \quad \bigcirc \quad 72 \div 6$$

$$95 \div 5 \quad \bigcirc \quad 63 \div 3$$

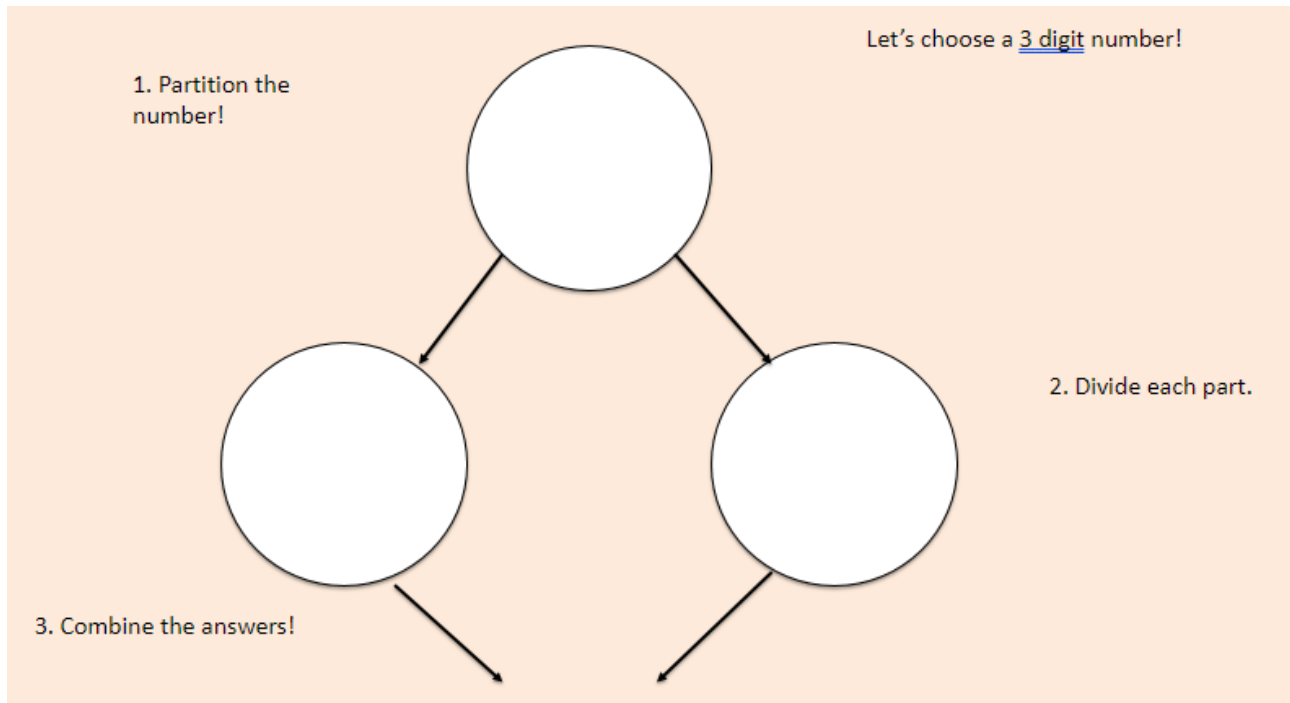
$$51 \div 3 \quad \bigcirc \quad 64 \div 4$$

$$98 \div 7 \quad \bigcirc \quad 95 \div 5$$

Maths – Tuesday

Video Reminder -

<https://www.youtube.com/watch?v=xeA4T-S6z8E>



Challenge:

1. Write $360 \div \square = \square$ and then complete the sentence in at least four different ways.
2. Jimmy writes: $40 \times 5 = 2000$. Is he correct? What might he not understand yet?
3. Write three mega-facts to match $4 \times 8 = 32$. At least one must be a division fact.
4. Which four number sentences link these numbers: 5600, 8, 700?

Maths - Wednesday

Starter

Put the appropriate symbol in the box:

+, -, \times , \div

$$16 \square 18 = 34$$

$$47 \square 28 = 19$$

$$18 \square 2 = 9$$

$$30 \square 10 \times 3$$

$$51 \square 36 \square 15$$

$$45 \square 5 \square 9$$

$$27 \square 36 \square 63$$

$$70 \square 14 \square 56$$

$$7 \square 5 \square 35$$

$$50 \square 5 \square 10$$

Main Task: Partitioning larger numbers.

1. $124 \div 4 =$
2. $126 \div 3 =$
3. $201 \div 3 =$
4. $154 \div 7 =$
5. $325 \div 5 =$

Challenge:

Multiply Multiples 2

In the equation below each square represents a missing digit:

$$\square 00 \times \square = \square 00 \times \square$$

One possible solution is:

$$100 \times 2 = 200 \times 1$$

Can you work out some different ways to balance the equation?

Maths: Thursday

When the numbers get much larger, the partitioning method is ineffective. Let's have a look at the short method of division.

<https://www.youtube.com/watch?v=SLze82Zcc4Y>

Have a go:

1. $257 \div 8$

2. $399 \div 9$

3. $214 \div 5$

4. $545 \div 7$

5. $867 \div 9$

Challenge:

27
(2011)

The table shows the cost of a new football kit.

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether, how much does the complete football kit cost?

£

How much would it cost to buy a kit for all 11 members of the football team?

Flashback Friday - Maths - Factors

Main Task: <https://www.youtube.com/watch?v=-vjA5rRxzc>

B. Find the common factors of each pair of numbers:

1. 20 and 30

2. 16 and 24

3. 15 and 25

4. 12 and 36

5. 20 and 40

Challenge:

7 Tommy is finding factors of 12 and 18

12 and 18
have the same number
of factor pairs.



a) Is Tommy correct? _____

Explain your answer.

b) Find two other numbers with the same number of factor pairs.

Reading - Monday (Same text all week)

Read the following text 'King of the Swingers' (Available online)

<https://www.natgeokids.com/uk/primary-resource/orangutan-primary-resource/>

Read around the highlighted word to find its definition.

*"The orangutans in the 43Km² forest are free to wander where they like, but they will continue to learn from their **elders**."*

A) Older people or animals.

B) A species of monkey.

C) A TV show that Orangutan's like.

Main Task: Unscramble the definitions

Find the key vocabulary in the text, read around it to help. Then match the Key vocabulary with its definition.

<u>Key Vocabulary</u>	<u>Definition</u>
Bland	To lie close and snuggle or cuddle
Dominant	An unfortunate or <u>unfavourable</u> situation.
Nestles	An uninteresting or boring thing.
Plight	A leafy covering formed by the upper branches of trees.
Canopy	To have great authority or influence.

Challenge:

Write 3 accurate sentence using 3 of these key words.

Tuesday

Quick-Fire Questions:

- **Retrieval**- Most of the orangutan's that come into the centre are what?
- **Interpret**- 'It's absolutely **chucking it down** and NG KiDS is getting soaked.' What does this idiom mean?
- **Choice**- Why has the author included a map in the text?



Main Task: Retrieving the facts

Write down **5** amazing Orangutan Facts.

-Use a Rhetorical Question Opener to engage your reader.

Eg: 'Were you aware that there are only 71,820 wild Orangutans left in the wild?'

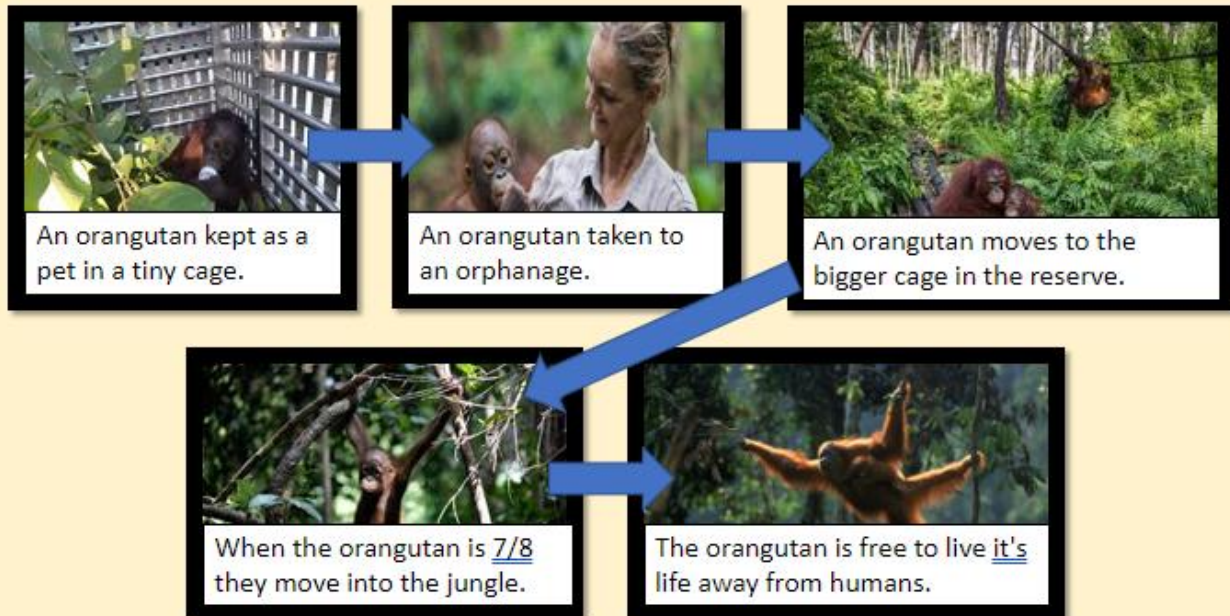
Wednesday

Quick-Fire Questions:

- **Retrieval-** How long are orangutans arms?
- **Interpret-** 'The team deliberately keep the diet bland to encourage the apes to go off and find more interesting meals such as figs.' Why do you think they keep the orangutan's diet bland?
- **Choice-** Why has the author included an image with this text box?



The Life of an Orphaned Orangutan



Main Task: Explain how the orangutans feel at the different points in their lives.



Eg: When the orangutan was trapped in the cage and kept as a pet, they were terrified and missed their mother.

(Print this to help)



English:

Task - Create an animal fact-file about animals and their habitats. See example below.

Monday - Research animals and their habitats (Create Top Trumps cards, See example).


Tuesday - Write an introduction with double rhetorical question and hook
(Eg: *Did you know that there are lots of animals. Did you know that animals live in houses, but like not like human houses but like holes and trees and things. If you didn't know that, then read on and you can find out all about animals and where they live and stuff.)*


Wednesday – Begin to create the fact-file, include key features such as:
Rhetorical Questions, Subordinate clauses and Facts.

Thursday –Continue Fact file (Based on example below).

Friday – Edit Fact-File to improve sentences and correct spelling mistakes.

Monday Task:

Animal:	
	
Habitat:	
Classification:	
Strengths:	
Fun Fact.....	

Animal:	
	
Habitat:	
Classification:	
Strengths:	
Fun Fact.....	

Main Task: Research animals on Laptops/iPads.

Fill out your fact cards using:

- Habitat
- Classification
- Some of their strengths
- Anything unique about how they survive

Good websites to look out for:

- <https://www.factmonster.com/dk/encyclopedia/nature/habitats>
- <https://www.natgeokids.com/uk/category/discover/animals/>
- <https://animalfactguide.com/animal-facts/>

Amazing Animals and their Habitats!!!

Heavenly Habitats

Are you fascinated by animals of all different shapes and sizes? Did you know that all animals are specially adapted to live in different environments? If you love learning about animals, then read on to discover some more marvellous facts about animals!



An animal like no other...

Fascinatingly, Carrier Snails are so proud of the shell they call their home, that they decorate their shells with things they find. In some cases, it could take up to 10 hours to attach each new piece to it's shell with it's special secretion.



Awesome Amphibians

Even though amphibians make up only small percentage of all animals on earth (1-2%), they have some of the most interesting habitats. Most amphibians live on the ground in wetlands or forests, but some live up in trees, and a few species can survive in deserts and other dry habitats. Most kinds of amphibians live in warm, damp climates. The word Amphibian comes from the meaning 'two lives' as they spend their time on land and in water. Most amphibians, of which the main species are: **frogs, toads, salamanders, and newts**, live in wet climates as without this they are prone to dehydration. Among the few members of it's species who can survive in the desert is the red-spotted toad (*Bufo punctatus*). Barely larger than a walnut, this hardy toad spends up to 10 months a year buried underground, living off of the water stored in its overly large bladder. Now that is some serious dedication.

Fun Facts:

Each animal needs 5 things to survive, this is what it needs from it's habitat. Without these 5 vital lifelines, an animal would die out of their habitat and potentially go extinct.

1. Food
2. Water
3. Shelter
4. Air
5. A place to raise its young

Fantastic Mr Fox...

Usually, foxes live in forested areas, though they are also found in mountains, grasslands and deserts. They make their homes by digging burrows in the ground. These burrows, also called dens, provide a cool area to sleep, a good location to store food and a safe place to have their pups.



Groovy Goats!

Did you know, that mountain goats often live in alpine areas and can live at over 13,000 feet about seas level. They use their high-ground to stay safe from predators and have even been know to scale to the top of trees in the winter months to feed.

