



HILL WEST
Primary

FOUR OAKS

Home Learning Pack

Year 5;

Week Beginning 11.01.21



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=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%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 should be written in his Homework Book.

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. Log- in should be in Homework book/ Reading diary.

<https://ttrackstars.com/>



Key Question Week 2: Which religions did the Anglo Saxons follow?

Key Text for Linked Learning: Beowulf – Michael Morpurgo

Linked Learning: English, History, R.E, PDW

In History, R.E and PDW, the children will learn about the Anglo-Saxons pagan religion and the different Gods and Goddesses of Nature that were worshipped. The children will use the work of Saint Bede, to discover how Christianity was introduced to Britain and how the Anglo Saxons were converted to Christianity by the Catholic Saints. In English, the children will continue to read Beowulf. They will explore the features of a journal and look at various examples to inform their own writing. Children will then plan out the various entries for their journal in preparation for writing in the week which follows.

Maths: Children will learn how to round decimals up to 2 decimal places. As well as [this children](#) will add and subtract whole numbers including decimals. Children will use money problems to put these calculations into context.

Science: Children will explore levers in an experiment to see how heavy forces can be reduced. They will explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Recognise that some mechanisms, including levers and pulleys, allow a smaller force to have a greater effect.

Humanities: See above.

Computing: Children will use their coding skills to complete [levels 20-41](#) in Rapid Router

Music: Charanga Music Scheme (Make you feel my love).

Creative Arts: Link to science where children will create levers using various materials and different fulcrums.

PDW / R.E: (see above)

P.E: Children will develop and improve their passing and control skills in football, they will participate in small-sided games.

MFL: French Greetings and Basic Questions.

Monday 11th January

Before our Zoom lesson at 10am please complete at least 1 lesson on Reading Eggs.

Finish Reading Beowulf/ Watching the videos on FlipGrid.com

strong helmets that would surely protect them against the worst any enemy could do, or so they thought.

On they went until they saw at long last, in the distance, Hrothgar's home, Heorot, that glorious palace adorned with glowing gold, a house fit for any king on earth. Here the coastguard left them, pointing the way.

"I must return to resume my watch for sea-raiders," he said. "May the God we all love protect you in all you do, wherever you go, and bring you safely back to your ship again, and back to your hearth and home."

Weary now from their long sea journey Beowulf and his war-band made their way up the stone path towards the great hall of Heorot, where they were greeted at the gate by Wulfgar, Hrothgar's herald.

"Lay aside your shields and spears," he commanded them. "Stack them against

Q1. According to the text, how are their helmets described on page 27?

Q2. Where did the coastguard take Beowulf and his men (pg 27)? Tick one

To their ship

To Beowulf's home

To Heorot

To see Grendel

the wall, for you will have no need of them inside. I see friendship in your eyes, nobility in your bearing, and know that we have nothing to fear from you. But tell me who you are, and what you've come for, dressed as you are for war."

"I am Beowulf, prince of the Geats, nephew of Hygelac the king, and if you would kindly allow us to speak face to face with Hrothgar, your gracious king, we will explain to him in full the purpose of our sea-tossed journey to the land of the Danes."

Wulfgar the herald was as wise in judgement as he was fierce in war, and let them at once into Heorot to meet Hrothgar, his beloved master, grey-haired now with sorrowing.

"These men, grim though they may look in their mail-armour, have come in peace, I am sure of it, my king," Wulfgar

Q3. According to the text, how does Wulgar the Herald describe Beowulf on page 30?

declared before the king and his thanes. "Chief among them, and the renowned prince of the Geats, is the noble Beowulf, nephew of Hygelac, your friend and ally of a lifetime. Such a trusty man can only have come to help us, I think."

Sudden hope warmed the old king's heart as he looked upon Beowulf standing there before him.

"You will not remember me," he said. "I knew you once as a child, when I came to the land of the Geats. Ever since then the Geats have been my lifelong friends and allies. You are most heartily welcome to Heorot, for I know of you by hearsay also. Everyone here does. I heard tell that you possess the strength of at least thirty men in each hand. I am thinking, and I am hoping and I am praying, that you might have been sent here to us by God himself as our salvation, to stand against Grendel,

Q4. According to the text, who are King Hrothgar's allies (page 31)?

Twist it:

Challenge: Create your own 'retrieve key information' questions (with answers) for page 31.

English – Spellings and Handwriting

Learn the following statutory words:

You could use 'pyramid words', 'look – cover – write – check' or any other methods you can think of!

1. Accommodate
2. Exaggerate
3. Interrupt

Handwriting: Write this out across 3 lines.

hive hive hive hive

Maths – Arithmetic- Addition

1. $321 + 34 =$

2. $216 + 436 =$

3. $463 + 234 =$

4. $574 + 325 =$

5. $1352 + 234 =$

6. $1235 + 567 =$

7. $4729 + 123 =$

8. $5873 + 354 =$

Challenge: I went to the shop and bought some potatoes which cost £1.75, a pack of 12 sausages for £2.55 and 4 tins of baked beans which were 52p each. How much change did I get from £10?

Maths – Concept- Decimals

Learning Reminders

Here is a 'Place Value' chart. It shows us how changing the PLACE of a digit in a number affects its VALUE. Remind yourself about the value of each row in the chart before having a go at the few questions below.

hundredths	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
tenths	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
ones	1	2	3	4	5	6	7	8	9
tens	10	20	30	40	50	60	70	80	90
hundreds	100	200	300	400	500	600	700	800	900

So, the 4 in 0.4 is worth 4 tenths, the 9 in 0.09 is worth 9 hundredths and so on...

What values do the underlined digits have: 500 2.7 10.08 0.63 41.1

Learning Reminders

This time, have a go at filling in the answers, then check them at the bottom of the page.

Place value addition and subtraction of numbers with two decimal places.

Write 8.34 at the top of your page.

Which digit is in the hundredths place? And the tenths?

Think carefully about which digits change as you add or subtract.

8.34

+ 0.3

- 0.2

+ 0.11

+ 0.05

- 1.1

+ 1.2

You should have 8.7 – check back through if you have a different answer!

Main Task: Adding and Subtracting Decimals

Mild

- | | |
|-------------------|-------------------|
| 1. $4 + 0.53$ | 2. $6.07 + 0.5$ |
| 3. $5.78 - 0.08$ | 4. $8.64 - 0.6$ |
| 5. $8.23 + 0.1$ | 6. $4.56 + 0.01$ |
| 7. $8.47 - 0.01$ | 8. $9.35 - 0.1$ |
| 9. $6.21 + 0.2$ | 10. $9.34 - 0.2$ |
| 11. $8.25 + 0.03$ | 12. $7.38 - 0.03$ |

or

Hot

- | | |
|-------------------|-------------------|
| 1. $6.21 + 0.2$ | 2. $9.34 - 0.2$ |
| 3. $8.25 + 0.03$ | 4. $7.38 - 0.03$ |
| 5. $9.34 + 0.11$ | 6. $8.53 - 0.11$ |
| 7. $4.73 + 1.01$ | 8. $8.14 - 1.01$ |
| 9. $4.27 + 1.2$ | 10. $8.75 - 1.02$ |
| 11. $3.24 + 1.23$ | 12. $9.87 - 1.81$ |

Challenge: had £5.00 and spent £1.49 on a packet of sweets and 99p on a bag of crisps, how much do I have left to spend?

Topic – History – Anglo-Saxon Gods and Goddesses

Where Did the Anglo-Saxon Gods Come From?

After the Romans left Britain, the Anglo-Saxons (Angles, Saxons and Jutes) arrived across the North Sea from Germany, Denmark and the Netherlands and with them came beliefs rooted in Norse mythology.

In the Norse legends, there were two groups of gods, whom the Anglo-Saxons called Ese and Wena. In time, Ese won over the Wena and the Ese became the rulers over the Wena.

The leader of the Ese, Woden, became King of all the gods.



Woden – King of the Gods

The Anglo-Saxons held the gods in such high esteem that four days of the week were named after them. These also link to how the Romans named the seven-day week.

Day	The Roman name	Roman meaning	The god after whom the Anglo Saxons named their days
Monday	die Lunae	The Day of the Moon	
Tuesday	die Martis	The Day of Mars	Tiw
Wednesday	die Mercurii	The Day of Mercury	Woden
Thursday	die Iovis	The Day of Jupiter	Thunor
Friday	die Veneris	The Day of Venus	Frige
Saturday	die Saturni	The Day of Saturn	
Sunday	die Solis	The Day of The Sun	

Meet the Gods and Goddesses

Woden – King of the Gods

Name: Woden
 Nickname: Grim
 Jobs: chief of the gods, god of war
 Family: husband of Frige, father of Thunor and Bealdor
 Sacred Animals: wolf, raven
 Sacred Plant: ash tree
 Equivalent Roman God: Mercury
 Equivalent Norse God: Odin
 Sacred Weapon: spear

Characteristics
 Woden was sometimes shown with one eye, two pet wolves and a horse with eight legs.



Thunor – God of Thunder

Name: Thunor
 Job: god of storms, thunder and lightning
 Family: son of Woden
 Sacred Animal: goat
 Sacred Plant: oak tree
 Sacred Weapon: hammer
 Equivalent Norse God: Thor
 Equivalent Roman God: Jupiter

Characteristics
 Thunor was often depicted on a chariot pulled by goats.



Frige – Goddess of the Home

Name: Frige
 Jobs: goddess of the home, marriage, childbirth, Earth and harvest
 Family: married to Woden, mother of Thunor and Bealdor
 Sacred Animal: stork
 Sacred Star Constellation: Orion's Belt
 Sacred Tool: spinning wheel
 Equivalent Norse God: Frigg (married to Odin)
 Equivalent Roman God: Venus



Eostre – Goddess of Spring

Name: Eostre
 Job: goddess of spring, goddess of rebirth
 Sacred Animal: hare
 Sacred Symbol: egg
 Equivalent Norse God: Austra
 Equivalent Roman God: Aurora
 Special Month: April
 (around where Easter is now)



Main Task:

Research one of the Anglo-Saxon Gods or Goddesses and create a fact-file about them.

Challenge:

Research how did the Anglo-Saxons get converted to Christianity?

Tuesday 12th January

Before our Zoom session at 10am please complete 30 minutes on TTRS.

English – LO: To explore diary entries.

Dear Diary,

Today was a beautiful, bright and sunny day so I decided to build a boat! I needed to get some long, hard wood so I travelled to the forest to collect a huge pile. After I had gathered some wood, I began to nail the pieces together using my flint hammer and dinosaur teeth for nails. It took 2 hours to build, but once it was finished I was very proud of myself. Was it going to float?

After some time, I began to get hungry so I decided to go fishing on my brand new log boat. Heaving the boat, I pushed it down towards the lake and into the water. Fortunately, the boat floated and so I jumped in! Slowly, I rowed out into the middle of the lake and then threw my fishing rod (made from a stick) into the deep, fresh water. Suddenly, my rod pulled me forward so I began to lift the fish into the boat. It was really tricky to catch the fish because it was so wriggly and heavy! Eventually, I caught the fish and sailed back to land. The fish was golden and very slippery!

In the afternoon, I decided to have a nap because I was so tired from fishing! At that moment, a huge brown bear came charging through the woods like thunder. Some hunters from my tribe ran away but I stood my ground and began to throw spears at the growling, snarling bear! How was I going to get away! The spears didn't work so I grabbed my hand made bow and arrow and started shooting at it. Whimpering, the bear tumbled to the ground. YES! We had defeated it!

As the sun set in the sky, my belly began to grumble. What was I going to eat? I skipped back to my family's hut and asked my Mum for something to eat whilst my baby sister lay on her fur skin mat. She was cooking some raw, mammoth meat on the fire and it smelt delicious. We were running out of wood so I went outside to look for some. Fortunately, I had some left over from my boat! Once the mammoth was cooked, I began to eat it. Unfortunately, it tasted disgusting, however it filled me up!

I wonder what will happen tomorrow...

Who wrote this diary entry?

What clues are given?

Are there any words you are unfamiliar with?

Main Activity

Read through the 2 texts at the end of the learning pack.

For each diary entry identify the writer using clues you have found in their diary.
You must:

- Identify the person (you do not have to name them)
- Find and copy 3 clues that tell you their identity (yes, you must write the clues down as you find them!)
- Identify when the diary could have been written – copy any clues that support your idea!

Challenge: Write a 1 paragraph diary of a person of your choice – be sure to include sentences that hint to their identity!

English – Spellings and Handwriting

Learn the following statutory words:

You could use 'pyramid words', 'look – cover – write – check' or any other methods you can think of!

1. Language
2. Curiosity
3. Dictionary

Handwriting: Write this out across 3 lines.

live live live live

Maths – Arithmetic- Subtraction

1. $353 - 34 =$

2. $546 + 436 =$

3. $423 + 274 =$

4. $541 + 365 =$

5. $1322 - 234 =$

6. $1235 - 567 =$

7. $4729 - 883 =$

8. $5173 - 354 =$

Challenge: I went to the shop with a £20 note to buy gifts for my family. I spent £5.50 on a box of chocolates for my mum and £8.15 on a bottle of wine for my dad. How much do I have left to spend on my brother?

Maths – Concept – Decimal Addition- PPT

Use written addition to add decimals; use rounding to estimate totals.

Round each number to the nearest whole and add to estimate the total.

$2.68 + 6.25$
 $3 + 6 = 9$

Now let's find the exact total using column addition; or the 'expanded' method.

Remember to leave a blank row above the answer line.

$$\begin{array}{r} 2 \text{ } 0.6 \text{ } 0.08 \\ + 6 \text{ } 0.2 \text{ } 0.05 \\ \hline 8 \text{ } 0.9 \text{ } 0.03 \\ \hline 8.93 \end{array}$$

Add the 0.01s, then the 0.1s, then the 1s.

$$\begin{array}{r} 2.68 \\ + 6.25 \\ \hline 8.93 \end{array}$$

Close to our estimate!

Use written addition to add decimals; use rounding to estimate totals.

Red ribbon: 2.23m
Green ribbon: 3.71m
Blue ribbon: 4.84m

Estimate the total length of the three ribbons by rounding each number to the nearest whole..

$2 + 4 + 5 = 11$

$$\begin{array}{r} 2.23 \text{ m} \\ + 3.71 \text{ m} \\ + 4.84 \text{ m} \\ \hline 10.78 \text{ m} \end{array}$$

It's just like adding two numbers but we just have a few more digits to add!

Practice:

Use written addition to add decimals; use rounding to estimate totals.

Round each number to the nearest whole and add to estimate the total.

$$22.3 + 6.83$$

$$22 + 7 = 29$$

Now let's find the exact total using compact column addition.

Are you happy with this layout?

$$\begin{array}{r} 22.3 \\ + 6.83 \\ \hline \end{array}$$

The columns need to be aligned correctly. We need to align tenths with tenths, etc. The easy way to do this is to align the decimal point in each number.

$$\begin{array}{r} 22.3 \\ + 6.83 \\ \hline 1 \\ 29.13 \end{array}$$

Main task: Decimal Addition.

Mild

Ribbon decimals

Ribbon lengths:

Red	2.23m
Orange	2.3m
Yellow	1.72m
Green	3.71m
Blue	4.84m
Indigo	1.25m
Violet	3.02m

Estimate first!

1. Find the total length of the red and yellow ribbons.
2. Find the total length of the green and blue ribbons.
3. Find the total length of the indigo and violet ribbons.
4. Find the total length of the orange and indigo ribbons.
5. Find the total length of the indigo, red and yellow ribbons.
6. Find the total length of the green, blue and violet ribbons.

or

Hot

Ribbon decimals

Ribbon lengths:

Red	2.23m
Orange	2.3m
Yellow	1.72m
Green	3.71m
Blue	4.84m
Indigo	1.25m
Violet	3.02m

Estimate first!

1. Find the total length of the longest two ribbons.
2. Find the total length of the shortest two ribbons.
3. Find the total length of the indigo, red and yellow ribbons.
4. Find the total length of the green, blue and violet ribbons.
5. Find the total length of the red, orange and yellow ribbons.
6. Find the total length of the blue, indigo and violet ribbons.

Challenge: Find 3 ribbons whose total add up to the closest to 8cm.

Topic- Science

Today we will be looking at levers and how they work, they are amazing simple machines. Watch this video to get an idea about what levers can be used for: https://www.youtube.com/watch?v=lueqE0lxLyc&ab_channel=SciShowKids

Main Task: Now that we know what a lever is, why don't we have a go at making one for ourselves! You could follow this video: https://www.youtube.com/watch?v=O0EL6fKmyZk&ab_channel=PlanoPublicLibrary **or** you could use your own materials to have a go.

Challenge: Experiment with moving the fulcrum closer and further away. Write down any of your findings.

Wednesday 13th January

Before our Zoom session at 10am please complete at least one level on reading eggs.

English – LO: To identify features of a diary entry.

Day1

We've been in the trenches for weeks now. With each sunset the enemy creeps closer, and by dawn we've fought them back into their original corner. A deadly tug-of-war over ownership of land, both of us ultimately trapped in the stalemate of war. Each day we lose a few from our side, their blood mixing with the ever-thickening mud filling the trenches; Our only relief stemming from the knowledge that across the field the situation is a mirror image.

Day 2

As the sun rises on another day I look at each of their faces; I see the ever- darkening circles shadowing their eyes, the look of fear and shock hidden within their faces as they visualise their deaths, all of this they try to disguise with a macho confidence and anger worn as a mask, but the reality is they're scared. More than that though, they're exhausted, each one doubts himself and his reasons for being here, they glance down at the photos they keep close to their hearts, and look out at drenched, blood- soaked field as the rain keeps drumming harder and harder upon their helmets. They long for those stolen moments where they are permitted to close their eyes and dream; Rugged up in bed, holding their wives close to them and looking out at the rain from inside their warm, safe homes. When they awake they are hit with the realisation that they're once again here in this mud-filled hole with the rain never ceasing, so they continue to count down the hours until they are awarded those few moments of freedom from reality.

What features do you notice in this diary?

Make a list of features you notice.

Look for:

- Tense
- Who is speaking
- How is it organised?
- What is the character talking about?

Day 3

Every night I pray that the rain will stop, the bleakness of our situation is only worsened by this gloomy weather; As I watch, even the strongest men seem to be losing their sense of hope and logic as the days go by. Last night, as the enemy lines drew closer, one of our own snapped completely, clambering out of the trench and sprinting towards the creeping shadows. As I watched him slip and slide across the field I thought how graceful he seemed to be, skating across the land as if dancing, the moment of realization came hard and fast as we heard the echo of gunshot, the sky lit up for a moment before he tipped and fell face down in the puddles. I pray that this rain will stop soon, we've become shells of the men that we once were and as each rain-soaked hour passes I can see us losing more and more.

Day 4

Today spirits seem to be higher, we awoke to the first day of only a soft drizzle instead of the incessant pounding of sheets of rain. As I look around at the faces of my men, I can notice the change, there's a glimmer of hope shining through at last. As we rolled the dead and wounded gently into our trench, I was struck by a moment of complete silence, as I looked at the men I saw each face turn to the sky and the first hints of smiles upon their faces, as the sun shone down on us and the rain stopped for the first time.

Main Activity

Features of a diary

Using diary 3, find the following features:

Be sure to write down examples of each.

Features of a Diary Entry

Uses the past tense	
Uses first person pronouns (I, we, my, etc.)	
Describes the writer's point of view, thoughts and feelings	
Includes opinions as well as facts	
Uses ambitious words to describe people and places	
Is written in an informal style, as though speaking to someone	
Uses time conjunctions to link events	
Organises events into paragraphs	
Uses inverted commas to show direct speech	

This house is starting to give us all the creeps. For ages there was no sign of trouble at all. But about a month ago, things started to happen.

Mum was the first to see something. It was late at night, on the stairs—a little girl, she said, wearing a long white garment like a nightie. It really shook her up. The rest of us—Dad, me, and my brother and sister—didn't believe her to start with. We thought she was imagining things. But a couple of days later, my brother saw the girl, too, going up the stairs just the way Mum had said. And the next night, we all heard these weird noises—like music, but not any music we'd ever come across before. It was coming from downstairs. Dad wanted to investigate, but Mum wouldn't let him. If there was anything horrible down there, she said, then she didn't want to know!

Trouble was, though, we couldn't ignore it, because from then on it got worse and worse. Every night something happened. Other figures started to appear, not just on the stairs but in the kitchen, the sitting room, even the bedrooms. I saw three of them for myself. A man and a woman, with that same little girl following along behind them. It really made my skin crawl. And nearly every night we heard the music.

Mum still didn't want to know, but after a few weeks of it the rest of us had had enough. So last night, when the music started again, Dad and my brother went downstairs. My sister and I wanted to go with him, but we weren't allowed to. So we stayed with Mum, waiting. The wait seemed to go on forever, but at last Dad and my brother came back. Their faces were grim. There was no doubt of it, they said. They'd seen what was down there. And now, we're going to have to do something about it.

You see, people haven't lived in this house for years. We made sure of that. We scared off everyone who even thought about moving in. But people don't believe in ghouls, or bogeymen, or whatever you want to call us, any more. So for the first time in ages, suddenly there are humans here. We're not going to share our house with humans. No way. So tonight, we're going to get them.

And then no one else will want to live here again.

Ever!!

Features of a Diary Entry

Uses the past tense	
Uses first person pronouns (I, we, my, etc.)	
Describes the writer's point of view, thoughts and feelings	
Includes opinions as well as facts	
Uses ambitious words to describe people and places	
Is written in an informal style, as though speaking to someone	
Uses time conjunctions to link events	
Organises events into paragraphs	
Uses inverted commas to show direct speech	

English – Spellings and Handwriting

Learn the following statutory words:

You could use 'pyramid words', 'look – cover – write – check' or any other methods you can think of!

1. Aggressive
2. Shoulder
3. Temperature

Handwriting: Write this out across 3 lines.

dive dive dive dive

Maths – Arithmetic- Division

1. $54 \div 4 =$

2. $84 \div 6 =$

3. $129 \div 3 =$

4. $117 \div 9 =$

5. $245 \div 5 =$

6. $342 \div 8 =$

7. $214 \div 7 =$

8. $327 \div 3 =$

Challenge: There are 8 eggs in a box and I bought 472 eggs, how many boxes did I buy?

Maths – Concept – Decimal Subtraction

Subtract pairs of 2-digit numbers with one decimal place.

We can use our strategies for subtracting whole numbers for subtracting decimals.

98 - 21 e.g. Subtract 20, then 1.

So how could you solve $9.8 - 2.1$?

Subtract 2, then 0.1.

46 - 19 e.g. Count back to subtract 20, then adjust by adding 1.

So how could you solve $4.6 - 1.9$?

Count back to subtract 2, then adjust by adding 0.1.

58 - 32 e.g. Count back to subtract 30, then another 2.

So how could you solve $5.8 - 3.2$?

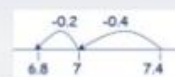
Count back to subtract 3, then another 0.2.

Subtract pairs of 2-digit numbers with one decimal place.

74 - 6

e.g. Count back to subtract 4, then another 2 to 'bridge' 70.

So how could you solve $7.4 - 0.6$?

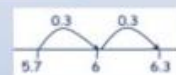


Count back to subtract 0.4, then another 0.2 to 'bridge' 7.

63 - 57

e.g. Count up using Frog from 57 to 60, then to 63.

So how could you solve $6.3 - 5.7$?



Count up using Frog from 5.7 to 6, then to 6.3.

Practise:

Subtract pairs of 2-digit numbers with one decimal place.

- So the strategies we learned to subtract pairs of **2-digit whole numbers** can be used to subtract **2-digit numbers with one decimal place** too.
- Look at the previous examples and think how you would solve each of these calculations:

$$8.2 - 6.7$$

$$6.5 - 2.2$$

$$9.2 - 0.8$$

- Now check our suggested strategies below...

Main task: Decimal Subtraction

Mild

Decimal subtractions

Choose whether to count back or count up (Frog) to work out the answers to these subtractions.

- | | |
|----------------|-----------------|
| 1. $8.2 - 5.6$ | 7. $9.2 - 0.5$ |
| 2. $7.5 - 0.7$ | 8. $4.2 - 3.9$ |
| 3. $9.4 - 2.1$ | 9. $6.5 - 2.3$ |
| 4. $6.3 - 5.5$ | 10. $8.3 - 0.7$ |
| 5. $5.4 - 1.9$ | 11. $10 - 4.9$ |
| 6. $7.3 - 6.8$ | 12. $8.5 - 5.7$ |

or

Hot

Decimal subtractions

Choose whether to count back or count up (Frog) to work out the answers to these subtractions.

- | | |
|----------------|-------------------|
| 1. $9.2 - 0.5$ | 7. $12.6 - 8.3$ |
| 2. $4.2 - 3.9$ | 8. $14.3 - 11.6$ |
| 3. $6.5 - 2.3$ | 9. $10.4 - 0.5$ |
| 4. $8.3 - 0.7$ | 10. $17.6 - 1.9$ |
| 5. $10 - 4.9$ | 11. $20 - 12.4$ |
| 6. $8.5 - 5.7$ | 12. $23.8 - 17.2$ |

Challenge: Can you think of two calculations where you should count up (Frog jumps) and two calculations where you would subtract normally?

Topic – PE

Today you will be having a go at 2 different activities to do with football and passing. (If you don't have a football you can use any ball you have at home).

Visit [Flipgrid.com/hillwest](https://flipgrid.com/hillwest) and click on the PE section. In there you will see the 2 videos which Mr Holmes has created. Have a go!

Challenge 1: Passing through the gate – various difficulties.

Challenge 2: Wall-Ball. Complete 15 passes with each foot without making a mistake (That's 30 passes altogether).

Thursday 14th January

Before our Zoom session at 10am please complete 30 minutes on TTRS.

English – LO: To infer information from a diary

The Trip

I can't believe I'm actually here. The towns below look so small and I can see for miles in every direction. The engine is whirring and there's a man in the aisle next to me eating crisps. "Don't be afraid. It's natural to be a bit nervous." Mum said before we got on board. I'm definitely not nervous now. It's brilliant!

Who is speaking?
Where are they?
How were they feeling before getting on board?

[twinkl.co.uk](https://www.twinkl.co.uk)

Main Activity

I didn't need to be woken by mum this morning to do my jobs, I was already awake! I pulled on my long sleeve tunic and baggy trousers so quickly, I fell over! I'd only put both legs down the same trouser leg!

Anyway, both mum and dad were surprised to see me up so early. Dad had made me a new wooden sword so that I could practice fighting. Maybe one day I can be a fierce soldier like dad.

How is the character feeling at the moment?

Why might they be feeling this way?

Who is the speaker?

Has the character used a sword before? How do you know?

Draw a picture of what you think the character looks like.

English – Spellings and Handwriting

Learn the following statutory words:

You could use 'pyramid words', 'look – cover – write – check' or any other methods you can think of!

1. Familiar
2. Develop
3. Environment

Handwriting: Write this out across 3 lines.

sive sive sive sive

Maths – Arithmetic- Multiplication

1. $56 \times 7 =$

5. $545 \times 5 =$

2. $84 \times 9 =$

6. $312 \times 8 =$

3. $229 \times 3 =$

7. $214 \times 4 =$

4. $189 \times 6 =$

8. $327 \times 9 =$

Challenge: There are 9 chocolates in a luxury chocolate box, how many boxes do I need to buy to get 405 individual chocolates?

Maths – Concept – 3D Shapes- PPT

Identify, visualise and describe properties of 3-D shapes; Sort 3-D shapes according to their properties.



Look at the cube and cuboid.
What is the same about these two shapes and what is different?



e.g.

What is different?

The cuboid has some non-square rectangular faces, it is irregular.

The cube has all square faces, it is regular.

What is the same?

Both have the same number of faces, vertices and edges.

Both have all flat faces.

Both have 3 pairs of parallel faces.

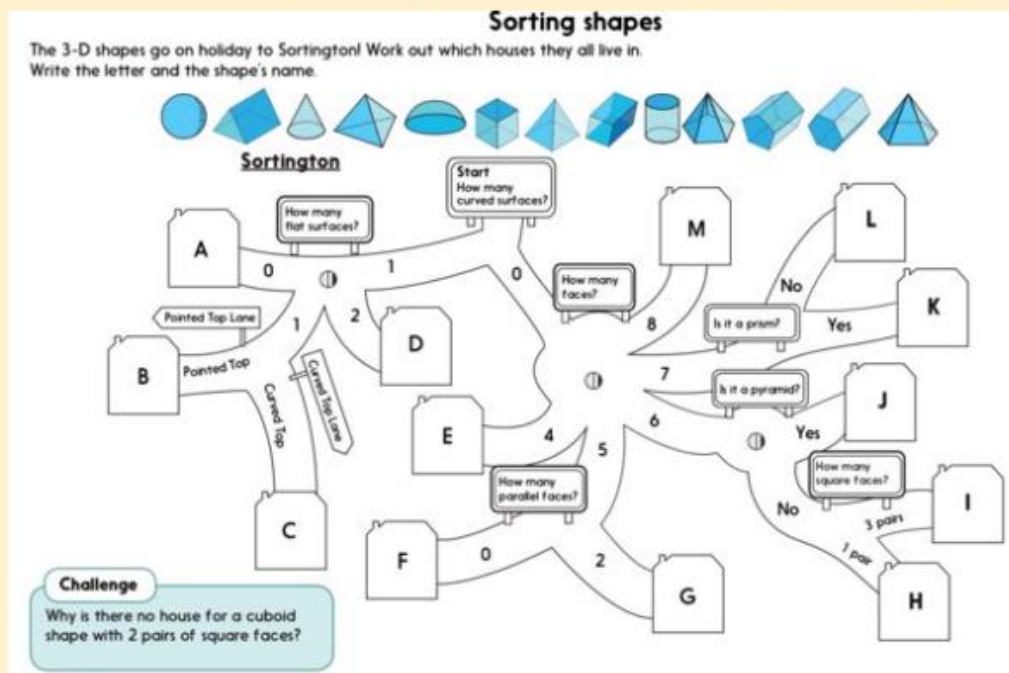
Here are some of the shapes we will be learning about.

Identify, visualise and describe properties of 3-D shapes; Sort 3-D shapes according to their properties.

How many of these 3-D shapes could you name?



Main Task: Sorting shapes based on their properties.



Topic- Computing

Today as part of your computing session you will be going on to the website <https://www.codeforlife.education/rapidrouter/20/#>

where you will be using your coding skills to help deliver parcels to the right location. (See tutorials on earlier levels to help).



Use the movement blocks in a sequence to guide the delivery van along its route. You can even use the REPEAT block to simplify your code!



Friday 15th January

Before our Zoom session at 10am please complete 30 minutes on TTRS or at least 1 level on Reading Eggs.

English: [Semi-colons](https://www.bbc.co.uk/bitesize/topics/zmfc7ty/articles/z6cxxytc) (<https://www.bbc.co.uk/bitesize/topics/zmfc7ty/articles/z6cxxytc>)

The most common way to use a semicolon is to help **join closely connected ideas** in a sentence. These sections must be independent and complete sentences, but closely linked in some way.

Many children spend hours on computer games; this is not good for their eyesight.

I've been looking everywhere for my keys; I wish I didn't leave them in random places.

Main Task.

Now lets add ; to these sentences.

- The rabbit had been sadly neglected it was in awful state.
- John opened the drawer it was empty.
- The wedding invitations have all been set out two hundred guests are expected to arrive.
- Sally's birthday is in November John's is in September.
- Tom was very clever and worked hard he deserved to pass all his SATs.
- Climbing a mountain shouldn't be done when it is raining because the rocks become slippery.

Challenge:

Create your own sentences that use semi-colons to separate clauses.

English – Spellings and Handwriting

Learn the following statutory words:

Test yourself! Look back over the 12 spelling you have learned this week. Write them all out once on a piece of paper, then flip them over and have a go at spelling all 12. (You could ask an adult to help by reading them out to you). Good luck!

Handwriting: Write this out across 3 lines.

five five five five

Maths – Arithmetic – Mixed Problems

1. $94 \times 6 =$

5. $625 \div 5 =$

2. $824 + 1456 =$

6. $342 \times 8 =$

3. $456 - 193 =$

7. $1214 - 374 =$

4. $354 \div 6 =$

8. $1327 + 3549 =$

Challenge: On monday I bought 5 packs of football cards which were 59p each, on Tuesday I bought 7 more packs. On Friday I had £3.50 left.

A) How many pack could I buy on Friday?

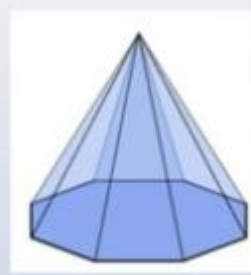
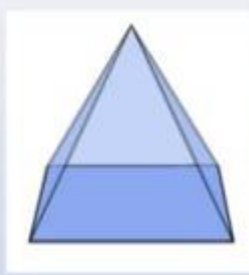
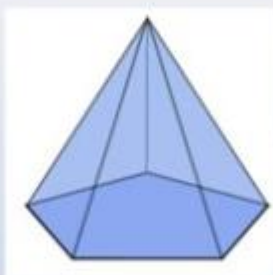
B) How much did I spend over the week?

C) If there are 8 cards in a pack, how many cards do I have?

Maths – Concept – Prisms and Pyramids

Describe properties of prisms and pyramids.

There are lots of types of *pyramid*, with different 2-D shapes on their bases.



What do pyramids have in common?



They have a polygon as one face, and triangles as the other faces.

So a cone (circular base) is not a pyramid!

Maths – Concept – Prisms and Pyramids

Describe properties of prisms and pyramids.

There are lots of types of *prisms*, with different 2-D shapes at each 'end'.



What do prisms have in common?

The two faces on either end are the same type of polygon (they have straight sides). These faces are joined by rectangles (which could include squares).

So a cylinder is not a prism!

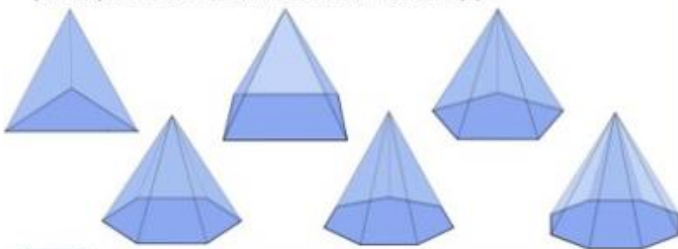
What type of prism is a cuboid?
Is a cube a prism?

Main Task: Create a table to compare these 3D shapes.

Mild:

Pyramids

For each pyramid record in a table, the name of the base shape, the number of faces and the number of vertices.
Do you notice any patterns in the lists of numbers? Describe them.
Can you explain the patterns?
[HINT – compare the number of faces to the number of sides of the 2-D 'base' shape]



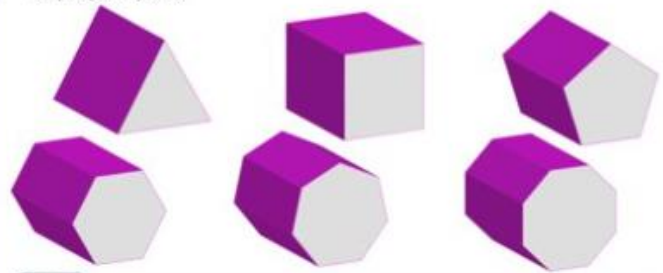
Challenge

Can you predict the number of faces and vertices for a pyramid with a 10-sided base?

Hot:

Prisms

Draw and complete a table for each 3-D shape, showing the shape of the two 'end' faces, the total number of faces, and the number of vertices.
Do you notice any patterns in the lists of numbers? Describe them.
Can you explain the patterns?



Challenge

Can you predict the number of faces and vertices for a prism with 9-sided 'end' faces? 10-sided 'end' faces? 100-sided 'end' faces?

Topic – PDW- Task 1- Write down your feelings

As you've probably heard the adults around you say a lot recently, these are 'unprecedented' times. This is a moment in history that you will never forget. Let's capture your thoughts and experiences as you live through lockdown.



About you

How long have you been in lockdown so far?

Can you remember your first thought when you heard that schools were closing? Were you thrilled? Concerned? Frightened? Why?

Have your feelings changed at all?

What about when you heard we were going into lockdown?

Have your feelings changed at all?

What do you miss most about normal life?

What don't you miss?

Have you learnt anything new since being in lockdown? Have you developed an interest you didn't have before?

Topic – PDW – Task 2

Create a box of all your favourite things, whether it's your toys, pictures of you, a list of your best friends or favourite foods. Anything that makes you happy! **Decorate** your box however you want, you can come back to this whenever you need to and remind yourself of what makes you **happy**.

Maths Worksheets: Enlarged