



HILL WEST
Primary

FOUR OAKS

Home Learning Pack

Year 5;
Week Beginning 19.04.21



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 should be written in his Homework Book.

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

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://ttrockstars.com/>

Key Question Week 2: Did Viking Cultures/Values have any similarities with British Values?

Key Text for Linked Learning: Viking Longship (Mick Manning)

Linked Learning: English, History, PDW

In Literacy the children will explore the medium of TV news reports, they will create a short news segment about the imminent threat of Viking invasions. They will be informed on this using prior knowledge of History in the previous week alongside the text Viking Longship by Mick Manning which explores the adventures of Vikings. They will watch news-style bulletins and work throughout the week to create a script to perform on film later in the week. Using an iPad, children will film each other performing their news reports, using expression, reported speech and persuasive language. In Computing, children will use the App iMovie to edit and splice together clips from their news report, they will overlay text and images as well as including transitions and soundtracks. This will be built on the learning completed in the previous weeks' computing and should prepare them to utilise their editing skills. In History, the children will learn about the roles of men and women in Viking society and their Laws (Danegeld, the right of Viking women to own property or be warriors, slavery). They will research Viking Warriors and compare them with soldiers of today, including exploring the significance of the Warriors shield. In PDW, children will recognise that in different cultures, people are treated differently based on their gender and understand that our British Values mean that people are treated equally regardless.

Maths: Children will consolidate Roman numerals, counting up first to 100, then up to 1000. Children will end the week identifying different key years in history using their knowledge of Roman Numerals and 1000's numbers. We will also revisit negative numbers and solve related word-problems. Children will also build upon their problem-solving and reasoning skills in order to solve sats-style questions.

Science: Children will learn about the lifecycle and reproduction of amphibians and insects.

They will sketch a detailed and annotated zoological illustration of the lifecycle and reproduction of an amphibian and insects.

History: See above

Geography: Children will locate and name British counties and cities, including explaining their locations using 6 figure grid references.

Computing: See Above

Music: Children will compose a short soundtrack using AB, ABA structures for the verse and chorus, they will begin to choose appropriate music for specific intentions and events (eg: fanfare for a king).

Design Technology: Children will use what they have learnt about strengthening a boat structure to research the construction of Viking Longships (Knarrs), including their development of a keel and overlapping planking. Children will analyse the effectiveness of their boat-building techniques.

PDW / R.E: See above

P.E: This week, the children will use invasion skills to overcome opponents, they will choose the correct skill to use in order to beat an opposition player. They will also develop their ability to pass under pressure, using accurate and well-timed throws.

MFL: Children will listen to and read the names of different body parts. They will repeat words carefully, (la tete, les epaules, les genoux, les pieds). Children will recognise and say the correct body part when it is pointed to.

Key Vocabulary:

Reporter Brutal Tragically Blood-bath Bulletin Update Scene Indefinitely
Priestess Runes

Monday 26th April

Maths

LO: Count on and back in steps of 25 and 1000.

Day 1: Count on and back in steps of 25 and 1000.

4

29

54

79



Talk to your partner.
What will be the next
two numbers in this
sequence? How will you
find out?

Let's check...

Who can explain that?

Count on and back in steps of 25 and 1000

Sheet 1

Fill in the missing numbers.

1. , 1347, , , , , 6347,
2. , , 7361, , , 4361, ,
3. 26, 51, , , 126, , , , 226
4. 20, 45, , , 120, , 170, , 220
5. , , , , , , , , 474
6. 475, , 425, , 375, 350, , ,
7. 231, 206, , 156, , 106, , , 31
8. , , , , , , , , 5,

Challenge

, , , 2 , 27 , 52

English

Monday, 26th April, 2021

LO: To identify key features of a news report.

- https://www.bbc.co.uk/newsround/news/watch_newsround
- How does the presenter gain the interest of the listener?
- How does the presenter use descriptions and explanations in their report?

Good evening. This is AD News at 10. Tonight we have some terrible news. There have been reports that strange, brutal men are invading our shores. There have been some shocking reports and we ask everyone watching to pray to God to rid us of these barbaric invaders. We are warning you to be on your guard, especially if you live on the coast. Who knows where they will land.

We have reports that they are Norsemen, or Vikings, from the countries in the North. These are the countries of Denmark, Norway and Sweden. Tragically, they do not come in peace and have launched a surprise attack on the monastery of Linisfarne, killing many defenceless monks. Some monks have even been taken as slaves.

We now have a special report live from Lindisfarne in Northumbria, where a monk hid and saw what happened.

‘Oh it was awful! They stole all our treasures and of course we couldn’t defend ourselves because we have no weapons. We are just peaceful monks! They killed my best friends. I only survived as I hid in the forest and spied on them. I’ve never seen anything like it. They were strong, hairy men with shields and swords. They had iron helmets on and it was a blood bath. Oh dear lord deliver us from their fury.’

In tomorrow night’s bulletin there will be an in depth analysis of what they want, why they are coming and how they got here.

Main Activity

Read the text titled ‘Text 1’

Identify each of the 5 W’s in the text and record your findings on the grid.

Challenge: Is this report:
Clear?
Concise?
Correct?

Who	
What	
When	
Where	
Why	

Main Activity

Copy each sentence and choose the correct relative pronoun from the brackets.

1. The house _____ Jack built is large. (who/that)
2. I saw a man _____ I thought was Ben's father. (who/which)
3. Sam told me _____ films would be good to see. (that/which)
4. Can you remember _____ Dad parked the car? (where/who)
5. The driver told us _____ train to catch. (that/which)
6. I hear _____ William eats squid. (which/that)
7. He's not the kind of person _____ laughs at others. (who/which)
8. Have you told everyone _____ the party will be? (where/who)
9. This is the house _____ Grandma used to live. (that/where)
10. Could you tell me _____ way we should go? (where/which)

History

LO: To investigate Viking society and compare them with our own.

<https://www.bbc.co.uk/bitesize/topics/ztyr9j6/articles/ztqbr82>

Review each member of the Viking family and their roles/responsibilities.

Create a fact file about a Viking of your choosing.

Be sure to include:

- Who they were
- What did they do
- Where they are from
- Their family
- A picture.

Viking Warriors:

<https://www.bbc.co.uk/bitesize/topics/ztyr9j6/articles/zy9j2hv>

Main Activity 2



What is the same about these two warriors.

What is different?

Annotate each picture with information about each.

Challenge: Is it more dangerous to be a Viking warrior or a modern soldier?



Tuesday 27th April

Maths

LO: To use Roman Numerals to 100.

Write the numbers before and after each number written using Roman numerals. Use the table to help you.

1. X
2. V
3. XX
4. XV
5. LI
6. XXXV
7. XCII
8. LV
9. XL
10. XCIX

1	I	10	X
2	II	20	XX
3	III	30	XXX
4	IV	40	XL
5	V	50	L
6	VI	60	LX
7	VII	70	LXX
8	VIII	80	LXXX
9	IX	90	XC
		100	C

English

Tuesday 27th April, 2021

LO: To identify what makes a good report.

https://www.bbc.co.uk/newsround/news/watch_newsround

VICIOUS Vikings have invaded Brimington.

The attack happened in the early hours of Sunday night when over a 100 of the pillaging Norse invaders descended on the sleepy hamlet in Mercia.

The alarm was raised at 2am on Sunday in the north of the village. Shortly after 2:15am, the Vikings had already attacked half the houses, leaving a trail of death and destruction. By 3am, the whole of Brimington had been targeted.

In the aftermath of the tragic incident, there were plumes of smoke ascending from homes set ablaze by the Vikings. Agonisingly, cries of distress for missing or dead loved ones could be also heard across the Saxon settlement.

Eyewitnesses describe scenes of chaos and carnage as the invaders went from house to house pillaging and killing indiscriminately.

One survivor stated, "It was horrible. They burned our house down. I was lucky to escape. It was all so sudden. We had no idea they were coming. We had heard tales from up north of attacks but we never thought it would happen in our village. We are devastated."

It is believed that more than 80 people have been killed. However, there are further reports that another 25 people are unaccounted for and may have been captured by the Vikings and taken back across the Great Sea to be used as slaves.

Viking expert Aldin the wise one said, "It is likely the Vikings will return – and with greater numbers. My advice is to leave the area as soon as possible and head south."

Read through the first text and identify each feature.

Who	
What	
When	
Where	
Why	
Clear	
Concise	

Here's mine:

Good evening! How's it going? Tonight I got bad news. There have been reports that stuff has been happening around England. These weird dudes are invading us. It started happening the other day and it keeps happening. Everyone should really be careful or you could die!

I think their called Vikings and they might come from up north somewhere. Maybe Scotland, I don't know. They might have flown in on big birds? Maybe their friendly, I don't want to find out. They attacked a church or something a little while ago. All sorts of stuff was stolen and lots of church people died.

Anyway, be careful out there. See ya!

Up-level this report so that it includes the 5 W's as well as the 3 C's.

Challenge: What title would you give this new report?

LO: To consolidate relative pronouns

- 1) Australia is a very large country, **where** ____
- 2) 'Jane Eyre' is a famous English novel, **which** ____
- 3) I'm going to high school next year, **when** ____
- 4) Tigers' fur is patterned in stripes, **which** ____
- 5) Harry looks just like his dad, **whose** ____
- 6) Swallows migrate in the winter to Africa, **where** ____
- 7) There isn't a nursery at our school, **which** ____
- 8) Let me introduce you to my friend, **whose** ____
- 9) It seems to take ages for the clock to reach 3.20pm, **when** ____
- 10) China's population is nearly 1.5 billion people, **which** ____

Science

LO: To create a detailed anatomical drawing of an amphibians life-cycle

Watch the following clip:

<https://www.bbc.co.uk/teach/class-clips-video/the-life-cycles-of-different-organisms/zvh8qp3>

Children to pay attention to the language used to describe each stage of the life-cycle.

Complete or incomplete metamorphosis?

We will look at the life-cycle of some insects and amphibians now, you will need to try and establish if the metamorphosis is complete or incomplete.



metamorphosis

/ˌmetəˈmɔːfəʊsɪs, ˌmetəˈmɔːˈfəʊsɪs/

noun **ZOOLOGY**

(in an insect or amphibian) the process of transformation from an immature form to an adult form in two or more distinct stages.

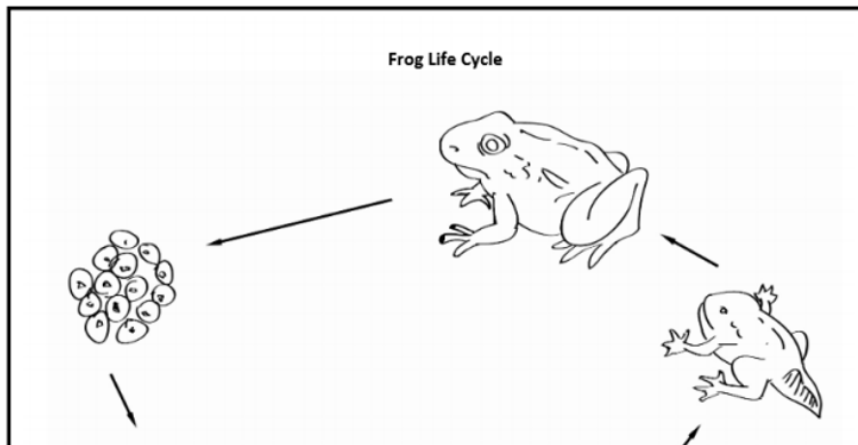
"the persistence of the larval tail during metamorphosis"

- a change of the form or nature of a thing or person into a completely different one.

"his metamorphosis from presidential candidate to talk-show host"

Similar: transformation mutation transmutation transfiguration change ▼

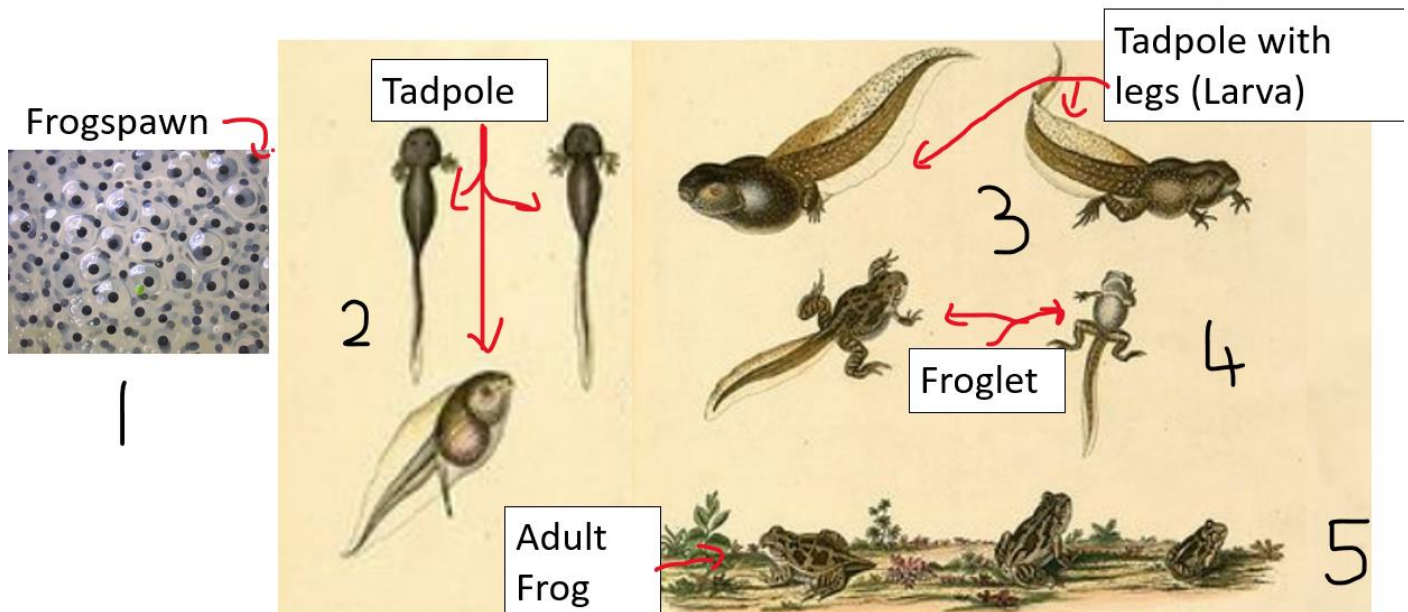
Anatomical Drawings



Complete or incomplete?

Frogs go through **complete metamorphosis** as they rapidly change from an egg (frogspawn) to a larvae and then into a froglet, each stage is completely different to the last.

Task 2: Create a drawing of a frog's life-cycle



Wednesday 28th April

Maths

LO: To Read/write Roman numerals to 1000 (M)

Day 1: Read/write Roman numerals to 1000 (M).



Here are some Roman numbers:
CCXI, CDXXVII, DCCLV.
Talk to a partner to work out how we would usually write these numbers.

Now we're going to write the multiples of 100 from 100 to 1000 using Roman numerals.

I	X	C
II	XX	CC
III	XXX	CCC
IV	XL	CD
V	L	D
VI	LX	DC
VII	LXX	DCC
VIII	LXXX	DCCC
IX	XC	CM
X	C	M

How do you think the multiples of 100 from 500 to 1000 are written?



Roman numerals

Sheet 1

Write the next two numbers in each sequence.

I.	XXII	XXIII	XXIV	_____	_____
II.	LI	LII	LIII	_____	_____
III.	XXVII	XXVIII	XXIX	_____	_____
IV.	XLVI	XLVII	XLVIII	_____	_____
V.	LXV	LXVI	LXVII	_____	_____
VI.	CI	CII	CIII	_____	_____
VII.	CXXV	CXXVI	CXXVII	_____	_____
VIII.	CCXVII	CCXVIII	CCXIX	_____	_____
IX.	CCLX	CCLXI	CCLXII	_____	_____
X.	DXXII	DXXIII	DXXIV	_____	_____
XI.	CDXV	CDXVI	CDXVII	_____	_____
XII.	DCXI	DCXII	DCXIII	_____	_____
XIII.	MII	MI	M	_____	_____

Challenge

Make up three more sequences with numbers going down each time. Can your partner find the next two numbers?

English

Wednesday 28th April, 2021

LO: To write a news report.

https://www.bbc.co.uk/newsround/news/watch_newsround

Vocabulary – Journalistic phrases

- an expert stated
- increasingly concerned
- raised questions
- can reveal
- not yet confirmed
- without any warning
- crucial witnesses
- just confirmed
- sources
- close to the scene

Main Activity

- You are going to imagine that television existed in A.D 793!
- You will work in threes to create a news report which we will film on the class iPad. Remember that you are English news reporters and not Vikings!
- The main news in England today is that the Vikings are invading.
- How would you feel if you heard about this...

- Who
- What
- When
- Where
- Why
- Clear information
- Concise sentences/paragraphs
- Correct facts

In groups of 3-4:
2 news reporters
1 eye witness

No opinions!

Thursday 29th April

Maths

LO: To Recognise years written in Roman Numerals

Have you ever seen the year a film/TV programme was made written in Roman numerals at the end of the credits?

This year written in Roman numerals is **MMXIX**.

See how there is no symbol to say that there are no 100s in this number.

In fact, even in the number system which we use, there were no zeroes for hundreds of years! Historians generally agree that a Persian encyclopaedist (Muhammad ibn Ahmad al-Khwarizmi) wrote in around 976 that if in a calculation, no number appears in the place of tens, then a little circle should be used 'to keep the rows'. This circle was called 'empty' in Arabic and later became called zero.

Some children in our class were born in **MMXI**.

In which year were other children born?

Dates

DCCXCIII		Vikings begin to invade Britain
MLXVI		Battle of Hastings
MC		First record of football in England
MCCXV		Signing of Magna Carta
MCDXCII		Christopher Columbus sails to the Americas
MDV		Leonardo da Vinci completes the Mona Lisa
MDXV		Gunpowder plot
MDCLXVI		Great fire of London
MDCCCLXXVI		Americans declare independence from Britain
MDCCCLXXXIX		The French revolution
MDCCCXXV		Stockton to Darlington Railway opens - world's first service of locomotive-hauled passenger trains
MDCCCXXXIII		Abolition of slavery Act (UK)
MCMXIV		Start of World War I
MCMXXXIX		Start of World War II
MCMXLVIII		Birth the of the NHS
MCMLXIX		First person on the moon
MCMLXXXIX		Fall of the Berlin wall
MCMXCIV		Nelson Mandela became the first black president of South Africa after he helped to end apartheid
MMI		Terrorist attack on the twin towers, New York
MMXII		London Olympic games

Martian numbers

Imagine that there are Martians! They have only one hand... and it has three fingers.

1. Write the first thirty numbers first as Arabic numbers (normal numbers!) then as Roman numerals.
2. Now we are going to write each of these as Martian numbers!

Martians only have 3 fingers so they count like this.

0	1	2
10	11	12
20	21	22
100	101	102
110	111	112
120	121	122
200	201	and so on

So the Martian way of writing four is 11.
The Martian way of writing ten is 101.
The Martian way of writing sixteen is 121.

3. Try to write the next ten numbers. Remember you cannot write any digit above 2!
4. What will happen when we get to the number after 222?

Compare the Arabic numbers, the Martian numbers and the Roman numerals.
What digits are missing from the Martian numbers?
What very important digit is missing from the Roman numerals?

Can you write the following numbers as Arabic numbers, as Roman numbers and as Martian numbers?

Arabic numbers	Roman numerals	Martian numbers
0		0
1	i	1
2	ii	2
3	iii	10
4	iv	11
...		

The day and month of your birthday.

James Bond's number

The number of children in your class

Think of some more special numbers to write in three different ways.

English

Thursday 29th April, 2021

LO: To film a news report

https://www.bbc.co.uk/newsround/news/watch_newsround

Filming!

Recipe for a great news report:

ANCHOR – who, what, when

REPORTER – where, what

EYE WITNESS – how, why

ANCHOR – sign off, powerful.

who	which	when	where	whose
------------	--------------	-------------	--------------	--------------

1. I like to eat pizza. It's my favourite food.

2. My alarm broke this morning. This meant I was late for school.

3. My best friends are Mel and Victoria. They walk with me to school.

4. I started school in reception class. I was four years old.

5. I have a friend called Geri. Her house is next door to mine.

6. I eat in the hall. It's always very noisy.

7. My principal is Mr Johnson. He has a friendly smile.

Maths Challenges

Problem solving and reasoning questions

Write the current year in Roman numerals.

Write next year and the year after too.

Write the missing letters in this sequence of numbers:

LXIX, LXXIX, LXXXIX, □□IX, CIX, □□IX, □□□IX, □□□□IX,
□□□□

Do this calculation using Arabic numbers:

$3,496 + 5,514$

Now do it using Roman numbers.

What do you notice?

Which Roman number <100 uses the most numerals? Is this the same as the amount of money <£1 that uses most coins?

$XV + XLV =$

$XXXV + LXXV =$

$LV + XXV =$

$XCX + V =$

$XXVII + \boxed{} = C$

$XLIV + \boxed{} = C$

$LXII + \boxed{} = C$

$XXVII + \boxed{} = C$

$XIII + XXII =$

$XLIII + LII =$

$XCIII + XII =$

$XXXIII + XXII =$

$XIV + XVIII =$

$IV + CVIII =$

$XLIV + XXVIII =$

$XXXIV + XVIII =$

$XI + VIII =$

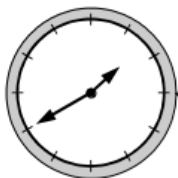
$XXIX + XLIII =$

$XC + LXXIV =$

$IX + VII + IV + VI =$

Here are three clock faces.

Match each clock face to the same time on a digital clock.



11:10

2:55

1:40

8:10

6:35

7:35

One of these watches is **3 minutes fast**.

The other watch is **4 minutes slow**.



What is the correct time?

Each missing digit in these calculations is **2, 5 or 7**

Write in the missing digits.

You may use each digit more than once.

$\boxed{} + \boxed{1} \boxed{8} = \boxed{} \boxed{}$

$\boxed{} \boxed{} \times \boxed{3} = \boxed{} \boxed{}$

Write down the value of this Roman numeral:

MMCDXV

Write this number in words:

8,001,500

Write the number **three million, twenty five thousand and seventeen** in figures.



