



HILL WEST *Primary*

FOUR OAKS

Home Learning Pack

Year 5

Autumn Week 9



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.

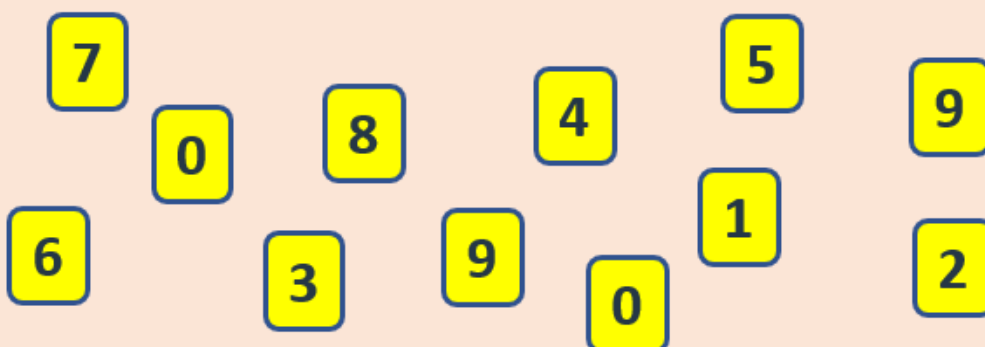
<https://trockstars.com/>

Maths - LO: To compare numbers up to 1 million.

Monday

Use these digits to create two 6 digit numbers.
Compare the two numbers.

, > ,



Have a go at some of these:

Place value in 6-digit numbers Sheet 1



Use these digits to write 6-digit numbers where the:

- 3 is worth 3000. _____
- 6 is worth 60,000. _____
- 2 is worth 20. _____
- 4 is worth 400. _____
- 1 is worth 10,000. _____
- 5 is worth 500,000. _____
- 3 is worth 30,000. _____
- 2 is worth 2000. _____
- 1 is worth 100,000. _____
- 4 is worth 40. _____

Use all six cards to make each number so that every digit in a number is different.

All ten numbers must be different!

Challenge:

Here are four number cards.

42,350

43,385

56,995

56,963

Four children take one each and say a clue.

My number is 57,000 when rounded to the nearest 100



Mo



Rosie

My number has exactly three hundreds in it

My number is 43,000 when rounded to the nearest thousand



Jack



Dora

My number is exactly 100 less than 57,063

Which card did each child have?

Maths - To add and subtract 10,000 and 100,000 to and from 6-digit numbers.

Tuesday

$555,555 + 1 =$

$555,555 + 10 =$

$555,555 + 100 =$

$555,555 + 1000 =$

$555,555 + 10,000 =$

$555,555 + 100,000 =$

Try this:

Write 1, 10, 100, 1000, 10,000 or 100,000 in each box to make these inequalities correct.

$426,234 + \boxed{} > 456,234 + \boxed{}$

$426,234 + \boxed{} > 456,234 - \boxed{}$

$531,278 + \boxed{} > 535,314 + \boxed{}$

$531,278 + \boxed{} > 535,314 - \boxed{}$

$634,278 + \boxed{} > 712,356 + \boxed{}$

$634,278 + \boxed{} > 712,356 + \boxed{}$

Challenge:

- 1) Teddy has been writing his own sequences.
Can you identify and correct the mistake he has made in each sequence?

a) 10 261, 10 271, 10 281, 10 291, 10 311 _____

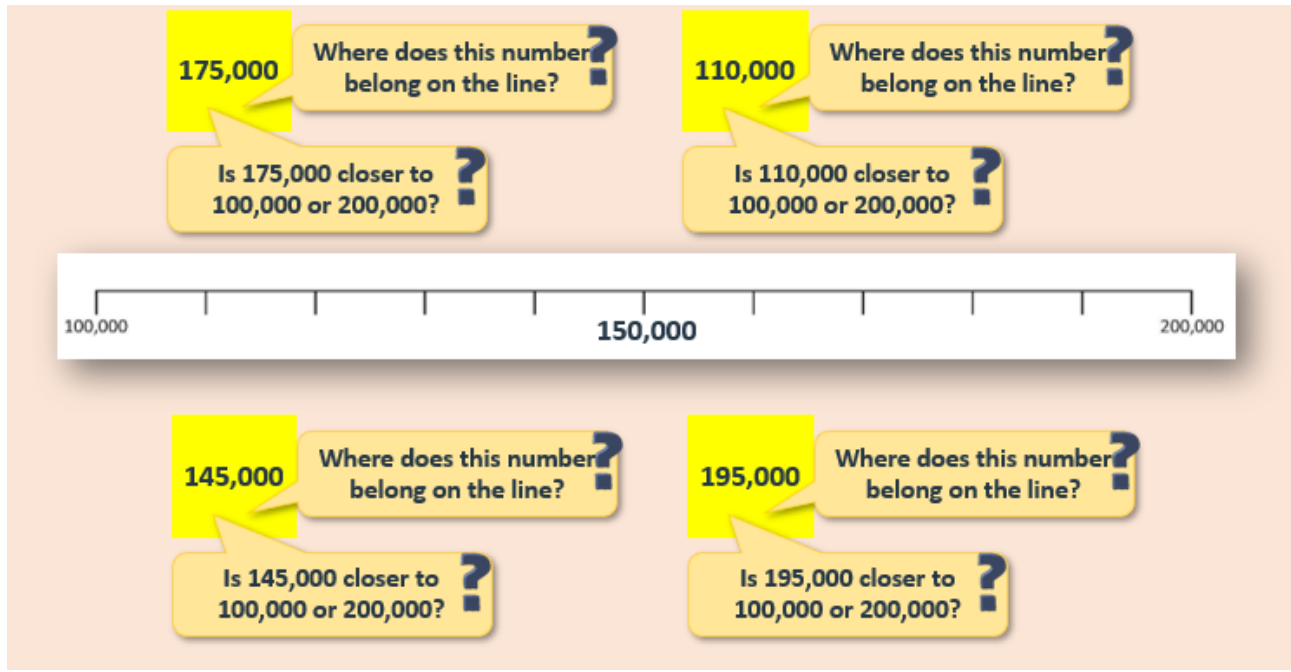
b) 9562, 9462, 9362, 9252, 9162 _____

c) 662 103, 672 103, 682 103, 692 103, 792 103 _____

Maths - To round numbers to the nearest 10,000.

Wednesday

Starter



Try this:

Round to the nearest 1000	Round to the nearest 10,000
1,598	23,415
7,812	45,789
3,698	32,852
4,785	56,741
3,265	68,843
4,444	92,222
7,415	74,562

Challenge:

Two five digit numbers have a difference of 5

When they are both rounded to the nearest thousand, the difference is 1,000

What could the numbers be?

Maths: To round numbers to the nearest 100,000

Thursday

Round this number to the nearest 10,000

231,569

Round this number to the nearest 100,000

231,569

Have a go:

Number	Round to the nearest 1,000	Round to the nearest 10,000	Round to the nearest 100,000
256,984			
369,741			
123,789			
658,489			
365,257			
324,745			
652,852			

Challenge:



Round these populations to the nearest 100,000

City	Population	Rounded to the nearest 100,000
Leeds	720,492	
Durham	87,559	
Sheffield	512,827	
Birmingham	992,000	

Maths: Flashback Friday - To count backwards through to negative numbers

Friday

Starter:

1) Write the numbers in the correct place on each number line.



a)

-2

-6

-3

-1

2



b)

1

-7

-5

-1

-11



c) This number line has no marked intervals. Where could these numbers be positioned?

3

-10

-8

-3

-2



Try this:

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temperature	-13°C	-4°C	2°C	-10°C	-5°C	1°C	-19°C

Are these statements true or false? Prove it!

a) Saturday was 5°C warmer than Friday.

b) Sunday was the coldest day.

c) Tuesday was colder than Friday.

d) If Wednesday had been 5°C colder, it would have been the same temperature as Tuesday.

Challenge:

True or False?

- The temperature outside is -5 degrees, the temperature inside is 25 degrees.
The difference is 20 degrees.
- Four less than negative six is minus two.
- 15 more than -2 is 13

Explain how you know each statement is true or false.

Reading - To find synonyms for words used in the text

Monday

Read the following text:

On July 20th 1969, Neil Armstrong clambered down the ladder of the lunar module Eagle and became the first human being to stand on the surface of the moon. The History News gave a glowing report of this monumental milestone in the history of space exploration.

Mesmerised, one-fifth of the entire population of the world watched TV in wonder as American astronaut Neil Armstrong stepped on to the surface of the Moon.

On 16th July, three men left Earth in their space capsule Apollo 11, thrust into space by its awesomely powerful Saturn 5 rocket. Four days later, the astronauts arrived at their destination - the Moon!

"That's one small step for man, one giant leap for mankind," his voice echoed round mission control in Houston, Texas, 384,000 kilometres away.

A few seconds later, Armstrong was joined on the surface by Edwin 'Buzz' Aldrin. The third member of the crew, Michael Collins, was still in orbit around the Moon. He had remained in Apollo 11's command module Columbia.

Armstrong and Aldrin explored the area of the moon where they had landed before they proudly erected a US flag with a special wire frame to hold it (as there is no wind on the Moon). Then they collected samples of the rocks that litter the Moon's landscape to take back for analysis at a laboratory on Earth.

After completing their tasks, the pair returned to Eagle, ignited the engine and headed for their rendezvous in space with Columbia.

The United States have now fulfilled the first part of President Kennedy's promise - to land a man on the moon - now they need to accomplish the second, to return him safely to Earth.

Main task – Synonyms of words in the text

Key Vocabulary	Definition	Synonym
1. Monumental	An incredible achievement.	
2. Mesmerised	To be in a trance, you can't look away.	
3. Analysis	To look over something closely.	
4. Fulfilled	To achieve something you wanted to achieve.	
5. Ignited	To be set on fire.	

Challenge: Use one of these key pieces of vocabulary in a sentence.

Reading - To retrieve information from the text.

Tuesday

Read the text from yesterday:

Main task: To answer retrieval questions

1. What fraction of the population of the world watched the Moon Landing?
2. Who said the famous quote "That's one small step for man...."?
3. How many miles away from Houston were the astronauts?
4. When did the mission begin?
5. Where did the *Eagle* capsule "*Rendezvous*" and with what?
6. Which material was used to put up the flag?

Challenge: Write 3 devilish retrieval questions for the class to answer.

Reading - To explain the authors' choices when creating this text.

Wednesday

Read the attached comic titled 'World's Greatest Heroes'

Main Task: Author's Choices

1. Why did the author decide to give it the title 'The World's Greatest Heroes'?
2. Why has the author presented this information in a comic strip?
3. How has the author made this piece engaging for their target audience?
4. Why did the author include an '*Epilogue*' at the end to tell you what happened to Neil Armstrong after the mission?

Challenge: Recommend this text to a friend, convince them to read this.

Reading - To compare two texts
Thursday

Re-read the 2 texts we have looked at this week.

Comparing the texts

What are the similarities and differences between these texts?

Similarities	Differences

Which text do you prefer?

Main Task: Which one did you prefer?

Decide which text you preferred, explain your reason for this. Tell me what you like about this text compared to the other text. Can you explain what you didn't like about the other text?

Challenge: Read out your persuasive argument to your partner and convince them of your decision.

Reading - Reading Comprehension
Friday

The Inept Magician

Sproggit was a magician. Or at least he was trying his hardest to be a magician. He had all of the equipment: a cloak, a wand, a white rabbit and even his dad's old, battered top hat. True, the rabbit kept escaping from its hutch, and the cloak was an old sheet dyed black, but he really was trying.

His friend Derm had been attending the Curious League of Conjurers (or CLoC for short) for nearly a year now, and Sproggit was desperate to join him. Derm was amazing. His parents were wealthy cabbage farmers and could afford the best equipment. He had a cloak made of actual stardust, or so he said. Sproggit suspected it was probably just silk with some glitter sprinkled over it. He hadn't said anything.

Derm had tried to teach Sproggit the magic he'd been learning. He made it seem so easy: just utter a few words and wiggle your wand. Sproggit had even practised his Scottish accent so that he could sound exactly like Derm, in case that was the problem.

"Vanishus Lepus," he'd shouted, waving his wand at his poor rabbit. Instead of disappearing, it just looked at him with a hurt expression, before going to the toilet in the hat.

Sproggit sat back on the wooden bench at the top of his garden and sighed. "It's no use," he said to Derm, who was busy sawing a goat in half on the other side of the patio. The goat didn't seem particularly bothered by what was going on. "I'll never be any good."

Derm looked up from his work and gave a half-hearted "Ta-da!". The goat bleated its approval. Derm waved his wand, and the goat joined back together. Not wanting to stick around for anything further, it bolted into the field next door. "Listen," Derm said as he sat down next to his friend, "we're not to supposed to do this but..."

Sproggit looked down at his friend's wand. Derm gave it a conspiratorial wiggle. "Go on," Derm instructed him. "Try my wand, see if it makes a difference."

Blood drained from Sproggit's face. Could he really do it? Was it just a case of using a proper wand? His had been a plastic prop from a joke store, after all. Derm had told him that *his* wand had been made from the tooth of a dragon bathed in the tears of a mermaid. Derm said a lot of stuff like that, though. Sproggit took most of it with a pinch of salt.

Tentatively, he reached out and grasped the wand. For a moment, he thought a halo of light had fallen upon him until he realised it was just the sun coming out from behind a cloud. "W-w-what shall I do with it?" he stammered. If he was going to perform real magic, he wanted it to be impressive.

Derm reached down and picked up a seed from a crack in the patio. He placed it on the lawn and stepped back. "Point the wand at the seed and say '*Magnus Maximus*'."

Sproggit gulped, pointed the wand at the seed, and muttered the words.



RETRIEVAL FOCUS

1. What does CLoC stand for?
2. What colour is Sproggit's rabbit?
3. What did Sproggit think Derm's cloak was actually made of?
4. Where did they sit in the garden?
5. What had been used to make Derm's wand?

VIPERS QUESTIONS

V

What does the author's use of language tell you about Sproggit's hat?

I

Why didn't Sproggit tell Derm what he thought of his cloak?

I

Why did the rabbit look hurt? What do you think the spell was supposed to do?

V

What does the word "conspiratorial" mean?

E

Why is the story called "The Inept Magician"?

Answers:

1. Curious League of Conjurers
2. White
3. Silk and glitter
4. On a bench
5. The tooth of a dragon and tears of a mermaid

V: It is old, worn out, has holes in it

I: He doesn't want to upset him or make him mad. He's also possibly worried he will stop showing him the tricks if he does.

I: It was supposed to make it disappear. The rabbit was upset he wanted it to go away

V: He wiggled the wand in a way that suggested it was wrong or something he shouldn't do

E: He is trying to be a magician, and inept means he isn't very good at it

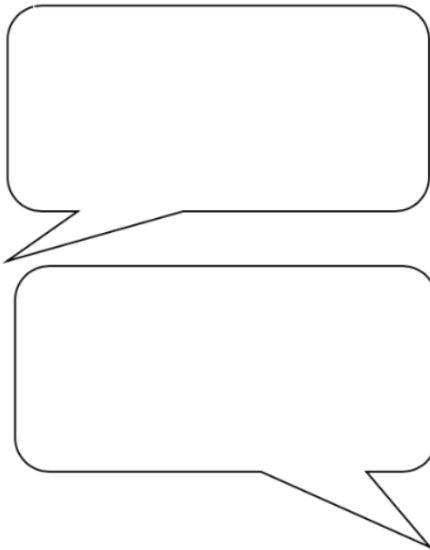
Writing - To plan out a newspaper report

Wednesday

Apollo 11 Moon Landing Newspaper Report Planning

My Headline:	Who?	What?
When?	Where?	Why?

Quotes I will include:



Two speech bubble outlines for writing quotes. The top bubble is smaller and the bottom one is larger, both with a tail pointing towards the bottom right.

Key details and facts that I will include:



A large rectangular box for writing key details and facts.

Writing - To Write a Newspaper Report about the Apollo 11 Mission.
Thursday

Headline/Title!

One of the features of a newspaper report is a catchy headline that uses rhyme, a pun or alliteration. Think of your own exciting headline for your report. Remember, the headline is important because it needs to hook your reader and make them want to read on.

Paragraph 1:

Example: *'On July 20th 1969, Neil Armstrong clambered down the ladder of the lunar module Eagle and became the first human being to stand on the surface of the moon. The History News gave a glowing report of this monumental milestone in the history of space exploration.'*

What have they included?

Main Body – What to include

- The newspaper body includes all the details of the news story and should be **split in paragraphs** to help the reader digest the information.
- Each paragraph tells one part of the story
- The main body should contain facts and **not personal opinions** and should be chronological.
- The last paragraph should sum up the story and bring it up to date.

Challenge: Can you include a quote from an onlooker using accurate reported speech?

Writing - To edit a newspaper report in preparation for publishing.
Friday

Finish off your report

Have you included all of the key features?

- A catchy headline.
- The 5 W's in your introduction.
- Facts about what happened in chronological order.
- Quotes from onlookers.
- A concluding paragraph which brings it up to date.

Main Task: Editing your Newspaper Report

1

Step 1: Check your capital letters and full stops.

2

Step 2: Now check your spellings, use a dictionary to help.

3

Step 3: Have you included accurate reported speech?

4

Step 4: Can you up-level any of your basic language?

Challenge: Could you include a direct quote?

PE

Gymnastics. Practice 3 different types of roll. A pencil roll, a teddy bear roll and a forward roll. If you are not confident in completing a forward roll, choose an alternative option. Once you have practiced each roll 10 times. Try to put this into a sequence.

History

Research Alexander the Great. What things can you find out about him, such as:

- Where he was born
- His accomplishments
- Why was he so great

Try to come up with at least 10 facts about alexander the Great. Then create a poster about him using these facts.

Geography

Research how much of the world did Alexander the Great conquer. Write a paragraph about the places he conquered and how he accomplished this.

Science

Create a poster of the solar system. This must include all eight planets and the sun with key facts and information and about one.

- Mercury
- Venus
- Earth
- Mars
- Jupiter
- Saturn
- Neptune
- Uranus
- The Sun