

## Weekly Home Learning Tasks

Complete as many of these tasks as you can this week.

Remember to submit any completed tasks to your Seesaw account or to the school email address. Three pieces of work per week will be 'showcased' on the class Seesaw page.

Remember to ask family members for support if you are not sure about the task.

**Date:** 7/7/20

**Year group:** 4/5

### English tasks

Watch 'The Planets' film clip on The Literacy Shed.

<https://www.literacyshed.com/the-sci---fi-shed.html>



**Planet 1** - Tribal Discovery. Filled with 'cute' aliens this planet would soon become annoying.

**Planet 2** - Endless repetition - a planet where all the inhabitants live the daily grind perpetually.

**Planet 3** - All is calm, but maybe we are being lulled into a false sense of security? The aliens start to eject from the pipes, as they land with a plop they grow into beautiful flowers.

**Planet 4** - Danger Lever high, technological takeover on planet 4. Robots inhabit this alien. They seem really happy and loving.

**Planet 5** - Underwater evolution discovered. Millions of tiny amoeba like creatures are multiplying under the sea. Their photoluminescence creates an interesting landscape.

**Planet 6** - Volatile - the aliens on this planet just can't agree.

**Planet 7** - Utopian Disturbance. Cloven animals wandering around a bit and eating grass, maybe the

### Maths tasks

Place value songs:

#### Place Value

M	Hth	Tth	Th	H	T	O	T	H	TH
Millions 1,000,000	Hundred Thousands 100,000	Ten Thousands 10,000	Thousands 1,000	Hundreds 100	Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01	Thousandths 0.001

<https://www.youtube.com/watch?v=kSjwXSG0KJQ>

<https://www.youtube.com/watch?v=gsvrhKka1nc>

<https://www.youtube.com/watch?v=Z6hO1bofNf4>

School Bank School Lane	Date: 19/02/2020
Pay: Miss Southern	
The sum of: One thousand, one hundred and ninety seven pounds	£ <input type="text"/>
Cheque No: 000234	Sort Code: 32 34 12
Account No: 43345609	Signed: _____

School Bank School Lane	Date: 19/02/2020
Pay: Mrs Crilly	
The sum of:	£ 8,405
Cheque No: 000234	Sort Code: 32 34 12
Account No: 43345609	Signed: _____

School Bank School Lane	Date: 19/02/2020
Pay: Miss Wilkins	
The sum of: Thirty two thousand, seven hundred and fifty five pounds	£ <input type="text"/>
Cheque No: 000234	Sort Code: 32 34 12
Account No: 43345609	Signed: _____

Can you complete these cheques? You will need to write the numbers in either digit form or word form!

most boring of the planets.

**Planet 8** - inedible danger - where the vegetation bites back!

**Planet 9** - Reckless - retro game characters live on planet 9 - superheroes who love to show off their 'super' powers.

**Planet 10** - Missing, undiscovered. The scariest inhabitants of any planet. Dead aliens

**Planet 11** - Avoid - The aliens on this planet are crazed. They run and run and run, just for the fun of it.

**Planet 12** - Home - under attack. The aliens here seem resigned to the end. So resigned they have decided to put it into a song.

### Activities

Choose from any of the following activities:  
Write descriptions for each planet as if you are an astronaut landing on them.

Write descriptions of the alien life forms.

Write dialogues between you and the aliens or between the aliens.

Create holiday brochure entries for each planet.

Discuss and write a set of rules for the argumentative aliens on planet 6.

Write narratives set on any of the planets describing how they survive there and escape (if needed)

Write poems based on the song at the end. Looking at rhyme, structure etc

### Story Starters

Here are some story starters. Choose your favourite and then write a story to go with it.

## How about trying these place value problems?

### Lesson 1 In Depth Challenges

#### Question 1

Jeff says:



My number has five thousands, three hundreds and 64 ones

John says:



My number has fifty three hundreds, 6 tens and 4 ones

Who has the largest number? Explain.

Answer/ ideas:

#### Question 2

Use the clues to find the missing digits.



The thousands and tens digit multiply together to make 36

The hundreds and tens digit have a digit total of 9

The ones digit is double the thousands.

The whole number has a digit total of 21

Answer/ideas:

## ce value problem solving

### Place Value word problems



1. Use 4 of the digits above to make a number that is bigger than five thousand
2. Use the digits above to make a three digit number which has a tens digit that is double the units digit
3. Use the digits above to make the biggest four digit number possible
4. Use the digits above to make the smallest four digit number possible
5. Use the digits above to make the biggest four digit number possible if you have a four in the thousands column.

## Guess the number

This number has no even numbers in it.	The total of the digits is 21.
The hundreds digit is the largest single digit number.	The tens digit is the same 27-20.
The ones digit is the number of fingers and thumbs on your left hand.	The number is in the 900s.

The number is:

Slowly, a foot moved, then the trunk, then a loud growl shook the cavern...



Three of us. We were the only ones left, the only ones to make it to the island.



Icy fingers gripped my arm in the darkness.



### Dreamgiver

Watch the short film clip 'Dreamgiver' on The Literacy Shed



<https://www.literacyshed.com/dreamgiver.html>

Then choose from the following activities:

- Look at the Dreamgiver. Then describe him. Who do you think he is? What does he do? What are his character traits? What does he look like?

Can you

Arrange the given digits to make a number that meets the given criteria.

1. Between 161 and 169:

6, 1, 7

H	T	O

4. Between 134 and 189:

5, 4, 1

H	T	O

7. Between 986 and 1000:

8, 8, 9

H	T	O

2. Between 295 and 311:

9, 2, 9

H	T	O

5. Between 576 and 601:

9, 5, 7

H	T	O

8. Between 784 and 876:

8, 4, 7

H	T	O

3. Between 392 and 397:

5, 3, 9

H	T	O

6. Between 784 and 812:

8, 5, 7

H	T	O

9. Between 578 and 811:

8, 6, 7

H	T	O

match the number in words to the number in digit form?

One thousand seven hundred and eighty three	<u>8900</u>
Three thousand five hundred and eighty two	<u>8090</u>

### Online games

Why not take a picture of yourself playing one of these great place value games?

PRIZE MONEY	
10	\$100
9	\$90
8	\$80
7	\$70
6	\$60
5	\$50
4	\$40
3	\$30
2	\$20
1	\$10

<https://www.topmarks.co.uk/learning-to-count/place-value-basketball>

[http://www.math-play.com/Place-Value-Millionaire/place-value-millionaire-game\\_html5.html](http://www.math-play.com/Place-Value-Millionaire/place-value-millionaire-game_html5.html)

<http://www.ictgames.com/postAletter/index.html>

- Think of an object or find an image that you would like the Dreamgiver to crack his egg onto, then describe the dreams that happened afterwards.
- Experiment with 1st and 3rd person. You could retell the story - (so you retell the story in 3rd person) but when the action switches into the boys dream about the shadow serpent you could continue in 1st person until the boy wakes up.
- Make up your own Dreamgiver, Think: What does he look like? How does he give the dreams to people?
- Compare Dreamgiver with The BFG or The Sandman.

## Comprehension Reading Tasks

### VIPERS text

Read the VIPERS text entitled 'Famous Landmarks' and then answer the comprehension questions about it. An enlarged copy of the text and questions will be on Seesaw.

**Famous Landmarks** **STAGE 4**

**YELLOWSTONE PARK**  
Yellowstone National Park is actually a dormant volcano under the surface of the Earth. Lots of different animals live there, including elk, bison, wolves and bears.

**MOUNT RUSHMORE NATIONAL MONUMENT**  
Mount Rushmore National Monument is a sculpture carved from the rocks of Mount Rushmore. It was completed in 1941. It shows the faces of four US presidents: George Washington, Thomas Jefferson, Theodore Roosevelt and Abraham Lincoln.

**NICARAGUA FALLS**  
Niagara Falls is actually three separate waterfalls. The largest of the three is called Horseshoe Falls. It lies across the border between the USA and Canada. It is the most powerful fall in North America. Over 100,000m<sup>3</sup> of water flow over it every minute.

**GRAND CANYON**  
The Grand Canyon is 2 miles deep and is visited by 5 million people every year. It is 277 miles long and 18 miles wide at its widest point. You can reach the bottom by hiking, helicopter or mule rides.

**EMPIRE STATE BUILDING**  
The Empire State Building is one of the most iconic skyscrapers in New York City. It is 102 stories high and measures 482.2m tall. It opened on May 1st, 1931. Until 1970, it was the world's tallest building. In the 1920s, the land where it stands was used as a farm.

**GATEWAY ARCH**  
The Gateway Arch in St. Louis is the United States's tallest national monument. It is a phenomenal 630 feet tall. It was completed in 1965 and celebrates early pioneers heading out west.

#### RETRIEVAL FOCUS

1. Which monument stands 630 feet tall?
2. Yellowstone Park sits on the border of 3 states. Which are they?
3. Which is the most powerful waterfall in North America?
4. True or false: Mount Rushmore National Monument displays all of the Presidents of the United States?
5. When did the Empire State Building stop being the tallest building in the world?

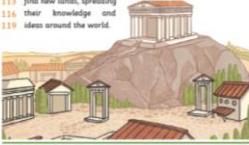
#### VIPERS QUESTIONS

- V** What does the word phenomenal tell you about the author's opinion on the height of the Gateway Arch?
- S** What would a visitor have to do to get to the bottom of the Grand Canyon?
- V** Which phrase tells you that Horseshoe Falls is in two different countries?
- E** Look at the Empire State section. Why has the author included the fact at the end?
- S** Which of the famous landmarks listed were man-made?

### 60 second reading tasks

### Who Were the Ancient Greeks?

- 11 Greece was one of the most important places in the ancient world - there is evidence of settlers from around 40,000BC, but the influential period was around 2,500BC onwards.
- 26 These ancient Greeks were fantastic thinkers, writers, actors, artists, athletes, warriors, architects and politicians.
- 53 The Greeks called themselves 'Hellenes' and their land was called 'Hellas'. The name 'Greeks' was given to the people of Greece later by the Romans. They lived in mountainous Greece (which was split into city-states including Athens, Sparta, Corinth and Olympia) and the Greek islands, but also in colonies scattered around the Mediterranean Sea, including Italy, Sicily, Turkey, North Africa, and even France.
- 109 They sailed the sea to trade and find new lands, spreading their knowledge and ideas around the world.



### Quick Questions

1. What was the true name of Ancient Greece?   
 \_\_\_\_\_
2. Which word tells us that the Ancient Greeks were spread out?   
 \_\_\_\_\_
3. Name four things the Ancient Greeks were talented in.   
 \_\_\_\_\_
4. How were the Ancient Greeks influential?   
 \_\_\_\_\_

### Hot Chocolate and the Maya

- 11 Between 900BC and 250BC, the Maya civilisation in Mexico and central America used ground cocoa (chocolate) to make a spicy, hot chocolate drink, which was used in rituals and ceremonies. Only the rich, noble members of society drank this rich, wholesome drink. Will you enjoy it?

#### Ingredients

- 53 3 tablespoons cocoa powder
- 55 250ml milk
- 59 1 teaspoon ground cinnamon
- 62 Pinch chilli powder



- 69 1. Mix the dry ingredients in a jug.
- 79 2. Heat the milk slowly until it is frothy. (Always be careful and ask for adult help.)
- 85 3. Add the milk to the jug and mix well.
- 102 4. Pour back and forth between two jugs to increase frothiness (optional).
- 105 5. Serve and enjoy!

### Quick Questions

1. What was used to make hot chocolate in ancient Maya times?   
 \_\_\_\_\_
2. Find two words that mean **celebrations** or **occasions**.   
 \_\_\_\_\_
3. The word rich has been used twice. Can you explain the two different meanings?   
 \_\_\_\_\_
4. Do you think you would enjoy this hot chocolate? Why?   
 \_\_\_\_\_

## NHS reading comprehension

### Celebrating the NHS

#### What Is the NHS?

NHS stands for National Health Service: a group of organisations that provide medical care for people living in the UK. They help those who are feeling unwell or are injured.

#### Did You Know...?

Around 1.5 million people work together to make up the NHS. Every person and every role is important and by working together they create a successful health system for the country.



#### How Did the NHS Start?

Before the NHS was founded, only wealthy people could afford to go to hospital or get medical help. Every visit to a doctor or dentist would cost the person money. If the person could not afford it then they did not get the medicine or the treatment. The UK government wanted to make things better for the nation after the Second World War. In 1948, the National Health Service was started by Health Minister Aneurin Bevan to keep everyone in the UK healthy.

#### Why Is Our NHS Special?

The NHS was designed so that every person who lived in the United Kingdom could receive free medical help, treatment and advice. However, running the NHS is expensive and the government can't afford to pay for everything. So every working adult pays taxes to the government which are then used to pay for the NHS and its staff.

People celebrate the NHS because they feel lucky to have it in the UK. In other countries, people pay **health insurance**. People who can't afford this insurance would not be able to receive medical care when they need it. There are also places in the world where the care that you receive will be of a lesser quality if you have less money.

### Celebrating the NHS

#### How Have We Been Celebrating Our NHS?

During the global coronavirus **pandemic**, people were especially thankful for the bravery of NHS workers who have worked hard to save the lives of those who became ill with the **virus**. 17 temporary hospitals were set up around the UK by the NHS during the pandemic to care for patients with coronavirus.

The British people said 'thank you' to the NHS in many ways:

Sir Captain Tom Moore became famous around the world when he walked 100 lengths of his garden using his walking frame. He challenged himself to complete this before his 100<sup>th</sup> birthday and raised £32m for NHS charities.



During lockdown, families were told to stay at home to prevent the spread of the virus. Children and their families put rainbows in their windows as a way of spreading hope and thanking the NHS for their amazing work.



Every Thursday at 8 p.m., people stood outside their homes and clapped and cheered for the NHS. They did this to show their appreciation to the NHS and other **key workers** for working hard during the pandemic.



Celebrating the NHS

**Glossary**

**Health insurance:** People pay money to a company that will pay for your medical treatment.

**Health Minister:** A person in the government who is in charge of the health department.

**Key workers:** People who carry out jobs which are essential to keep the country running, for example: teachers, police, fire service, delivery drivers and shop workers.

**pandemic:** A disease which has spread across lots of countries or the whole world.

**taxes:** Money collected by the government to pay for things that the country needs such as schools, roads and the NHS.

**virus:** A tiny germ that can infect living creatures and cause disease.

Celebrating the NHS

### Questions

- What does NHS stand for? Tick one.
  - National Health System
  - Natural Health Service
  - National Health Service
  - National Hygiene Service
- Draw **four** lines and match each number to its statement.
 

1.5 million	The year that the NHS was founded.
100	The number of staff working in the NHS.
1948	The age of Sir Captain Tom Moore when he walked 100 laps of his garden.
£32m	The amount of money that Sir Captain Tom Moore raised for the NHS.
- Find and copy one word that means the same as 'rich'.  
\_\_\_\_\_
- Who has the author written this text for?  
\_\_\_\_\_
- What does the word 'temporary' imply about the 17 hospitals which were set up during the pandemic?  
\_\_\_\_\_

Celebrating the NHS

- Why did the author choose the phrase 'He challenged himself...' to describe Sir Captain Tom Moore's fundraising event.  
\_\_\_\_\_  
\_\_\_\_\_
- How is healthcare different in the UK compared to other countries?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- How might we celebrate the NHS in the future?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Grammar/Spelling task

Have a look at this website which give s a lot of detail as to what a fronted adverbial is. You can also play any of the games that are associated it and complete the activities

<https://www.bbc.co.uk/bitesize/topics/zwwp8mm/articles/ps37p3#...:text=A%20fronted%20adverbial%20is%20when.today%20is%20a%20fronted%20adverbial>

### What is an adverbial?

An adverbial is a word, phrase or clause which adds more detail or information to a verb e.g the

## Foundation subject task

Our learning focus: **STEM tasks**  
Activities you could complete:

**Task 1 Weather Science: How to make a cloud in a jar.** Don't you just love looking at clouds in the sky? I sure do!

time, place, or manner of which describe the action in the rest of the sentence.

**Example:**

- He drove to the hospital **as quickly as he can**.
- The children jumped **happily**.
- I met my friend **in Paris**.
- My daughter finished her work **at half-past six**.

Fronted adverbial definition:

A fronted adverbial is an adverbial phrase or a word that's moved to the beginning of the sentence, before the verb. They are usually separated from the rest of a sentence with a comma.

So an adverbial phrase is an adverb, followed by a comma, followed by the main clause.

**Task 1)**

**Spot the Fronted Adverbials**

A fronted adverbial is a word, phrase or clause at the beginning of a sentence that gives more details about the time, place, frequency, possibility or manner of the action in the main clause. We always use a comma after a fronted adverbial to demarcate it from the main clause.

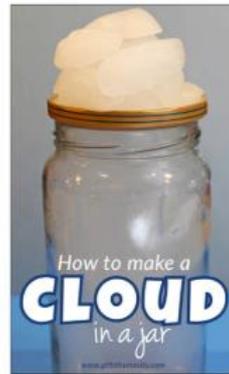
1. Match up the fronted adverbials with the correct main clause making sure you add in the correct punctuation including a comma in the correct place. In the box, write what the fronted adverbial is describing.

several hours later	surely	the boy waited outside the headteacher's office
there was a mountain of books to mark	every single day	on the teacher's table
we arrived at the camp site	my sister ruins my model I have just made	
with a nervous look on his face	he wasn't going to take that man's wallet	

Sentence	time / place / frequency / possibility / manner?

**Task 2)**

But how do they get there?



Follow the link below and have a go at the fun experiment.

<https://www.giftofcuriosity.com/weather-science-how-to-make-a-cloud-in-a-jar/>

**Task 2 Make a recycled marble run**



**Explore Gravity and Friction with Marble Runs**

Bring the excitement of an amusement park into your home by building a marble roller coaster.

The motion of marbles as they roll down ramps is a great way to learn about the pushes and pulls that cause objects to move. In this activity, you'll create different tracks for a marble as you experiment with the forces of friction and gravity!

The following websites/videos have ideas and examples of marble runs you could look at for ideas/inspiration:

<https://www.smallpeicetrust.org.uk/downloads/EaH-04-The-Marble-Run-Challenge.pdf>

Using the fronted adverbial word mat. Write your own sentences with different types of adverbial openers. You need to write 10 different sentences using 10 different openers

### Fronted Adverbials

Fronted Adverbials are words or phrases at the beginning of a sentence which are used to describe the action that follows.

Time	Frequency	Place	Manner	Possibility
Afterwards, Already, Always, Immediately, Last month, Now, Soon, Yesterday, Today, Tomorrow, Next year, In January, On Tuesday, In the morning, After a while, As soon as she could, Before long, All of a sudden, In the blink of an eye, Just then, Eventually, Later,	Often, Again, Daily, Weekly, Fortnightly, Yearly, Sometimes, Rarely, Every second, Twice a year, Once a minute, Once, Once or twice, Three times, Constantly, Regularly, Frequently, Infrequently, Occasionally, Rarely, Never in my life, Never before,	Above the clouds, Below the sea, Here, Outside, Over there, There, Under the ground, Upstairs, In the distance, Between the sea and the sky, Everywhere she looked, Around the tent, Back at the house, Nearby, Down by the cliffs, Behind the shed, In the wooden box, Over my bed, Somewhere near here, Far away, Wherever they went, North of here,	Sadly, Slowly, Happily, Awkwardly, Bravely, Like a ... , As quick as a flash, As fast as he could, Without a sound, Without warning, Unexpectedly, Unfortunately, Suddenly, Mysteriously, Frantically, Anxiously, Courageously, Silently, Curiously, Rapidly, Nervously, Utterly joyous, Carefully,	Almost unbelievably, Much admired, Nearly asleep, Quite understandably, Really happily, Perhaps, Maybe, Just arrived, Certainly amused, Obviously angry, Definitely confused, Completely exhausted, Barely alive, Out of breath, Decidedly unimpressed, Perfectly confident, Positively trembling with excitement, Purely practically, Somewhat flustered, Utterly joyous, Totally overwhelmed,

## Fronted Adverbials

**Learning Outcome:** To place an adverbial phrase at the front of the sentence separated from the rest of the sentence with a comma.

**Task:** Re-write these sentences so that the adverbial phrase is at the front, separated from the rest of the sentence with a comma.

1. The train is due to leave the station in five minutes.

\_\_\_\_\_

2. I am going to the zoo later today.

\_\_\_\_\_

3. The slimy slug crawled along the path very slowly.

\_\_\_\_\_

4. The chef washed his knives very carefully.

\_\_\_\_\_

5. Joe tiptoed down the stairs without making a sound.

\_\_\_\_\_

6. Ellie goes to gym club twice a week.

\_\_\_\_\_

7. The mouse ran down the clock as the clock struck one.

\_\_\_\_\_

8. John flew his kite at the edge of the beach.

\_\_\_\_\_

9. The snow covered peaks could be seen in the distance.

\_\_\_\_\_

10. Layla had a dental appointment after school.

\_\_\_\_\_

### Year 4 Spellings

This week you will be learning words this week that add the prefix im - before a root word starting with m or p

<https://www.edenproject.com/learn/for-everyone/how-to-make-a-recycled-marble-run>

<https://www.hellowonderful.co/post/15-impressive-ways-to-make-a-marble-run/>

<https://www.youtube.com/watch?v=RwZz0hHGLzw>

## Task 3 Invisible Ink

**Activity 01 Invisible Ink**

**INSTRUCTIONS**

- Pour plenty of lemon juice into a bowl or egg cup.
- Dip your cotton bud into the lemon juice, making sure it's got plenty on.
- Write your message in lemon juice on a plain piece of paper.
- Leave your message to completely dry out.
- WITH ADULT SUPERVISION turn your iron onto maximum heat (make sure steam settings are off) and heat your message using the iron.
- Read your secret message!

Learn all about different methods of encryption and send some secret messages using lemon juice, cotton buds, paper and an iron! Look at the information on the following webpage below to help you.

<https://www.smallpeicetrust.org.uk/downloads/EaH-08-The-Encryption-Challenge.pdf>

## Task 4 The Aqueduct Challenge

Read the information here:

<https://www.smallpeicetrust.org.uk/downloads/EaH-13-The-Aqueduct-Challenge.pdf>

Your challenge is to then design and make your own aqueduct that is waterproof using recycled materials!

**BUILDING THE AQUEDUCT**

- Design your aqueduct.
- Create supports for your aqueduct.
- Build the deck - this will contain the channel which the water will flow through.
- Add in support beams or cables to reinforce the weight of the aqueduct and the water.
- Angle the deck so that water can flow from one end to the other.
- Make suitable adjustments to the support beams / cables.

- 1) Immature
- 2) Immeasurable
- 3) Impossible
- 4) Immortal
- 5) Imperfect
- 6) Impatient
- 7) Immovable
- 8) Impolite
- 9) Important
- 10) Improper

### Year 5 Spellings

This week you will be learning words this week that have words with the short vowel sound /i/ spelt with a y

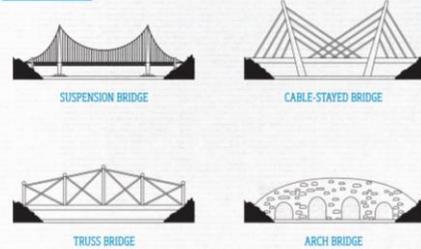
- 1) symbol
- 2) mystery
- 3) lyrics
- 4) oxygen
- 5) symptom
- 6) physical
- 7) system
- 8) typical
- 9) crystal
- 10) rhythm

Ways you can practise those spellings

- Find the definition of these words
- Write the words in a sentence (that makes sense)

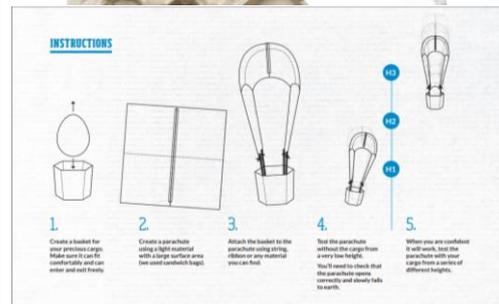
Take a picture of your spelling test with the scores and upload it in response to this.

#### DESIGN INSPIRATION



### Task 5 The Parachute Challenge

Create a parachute that is strong enough to hold a precious cargo (hard-boiled egg!)



You can use cardboard, plastic, wood, or anything else that works well and you can get at home. Try looking in your recycling box!

For instructions see:

<https://www.smallpeicetrust.org.uk/downloads/EaH-03-The-Parachute-Challenge.pdf>

Other useful websites/ideas: