

Year 6

Home Learning Tasks

Weekly Tasks:

- Log into Purple Mash and complete your usual weekly spelling homework (10mins)
- Log into My Maths and complete your usual weekly maths homework (30mins)
- Log into Reading Plus and complete 3 comprehension tasks and 2 vocabulary tasks each week (15mins each task)
- Log into Times Table Rockstars (10mins daily)

The additional tasks outlined below may be completed in your green homework book, or on a computer.

Additional Maths Tasks:

- Visit the [Topmarks](#) website and play the 'Daily 10'. Choose your level and maths skill. Complete 10 questions daily. Focus on a different maths skill each day. (15mins daily)
- Choose one of the following numbers: 63, 150, 3650, 9000

How many different calculations can you make that have an answer of the number you chose? You can use your understanding of place value, addition, subtraction, multiplication and division. For example: $10 \times 15 = 150$; $100 \times 1.5 = 150$; $2 \times 75 = 150$; $1000 - 850 = 150$

Can you draw a bar model or part-whole diagram to represent your chosen number?

Can you create a word problem that has an answer of your chosen number?

Can you include some fraction/percentage questions? (30mins)

- Mrs Jones has £20 to spend on presents.

Key rings cost 95p; Teddies cost £1.80; Mugs cost £2.45

She buys 4 mugs and 3 teddy bears

What is the greatest number of key rings she can buy? (20mins)

- Lollies are sold in two sizes: small and large

Sanjay buys two small lollies for 92p

Jenny buys five small lollies and 3 large lollies and pays with a £10 note

Jenny receives £4.16 change

How much does one large lolly cost? (20mins)

- Can you solve these 'Age Old' problems?

- 1) My age this year is a multiple of 8. Next year it will be a multiple of 7. How old am I?
- 2) Last year my age was a square number. Next year it will be a cube number. How old am I? How long must I wait until my age is a square number and a cube number?
- 3) My mum was 27 years old when I was born. 8 years ago, she was twice as old as I shall be in 5 years' time. How old am I now? (20mins)

Writing Tasks

Watch the video clip titled '[Embarked](#)' before completing these tasks:

'Jimmy loves his tree house. It holds many special memories for him. When Jimmy has to move to the city with his family, it is a sad day for the both of them. Tree House decides to do something about it.'

- Imagine you are Jimmy. Write a persuasive letter to your parents to explain why you don't want to move to a house in the city. What is important about where you live now? Why do you think the family should stay living in the country? What reasons do you have for not wanting to move

to the city? Organise your writing into paragraphs. Expand on each argument within each paragraph. Summarise your main points at the end of your letter.

Then, imagine you are Jimmy's parents. What might their reply be? Can you address all the points that Jimmy raised? How will you counter-argue them? Write a second persuasive argument from the parent's point of view. (2 days)

- In the video clip, Treehouse is seen walking through the city streets in search of Jimmy. Someone has reported the incident to the local newspaper and the next day the front page is all about this strange event! Write a newspaper report which explains what was seen. Think about:

What happened? When it happened? Where it happened?

Who witnessed it? Can you include some direct quotes from witnesses about what they saw?

What information has the journalist uncovered about what happened? (2 days)

Once you have proof-read and edited your writing, you could publish your news report in the style of a real newspaper. Think about:

- The name of your newspaper
- An eye-catching headline
- Writing in columns

- Use your drawing from your creative task to create your own story. Think about what other character(s) you might include in your story. Plan your story using a boxing up grid and think about what might happen in each part of your story. Write your story over several days and include opportunities for editing and improving.

Introduction – Set the scene and introduce the characters

Build up – What happens to one or both of the characters?

Problem – What problem happens to one or more of your character?

Resolution – How is the problem resolved? What happens to your characters in the end? (3 days)

Creative Task

- In the video clip, the character of Treehouse was created by turning something into a living being (this is called anthropomorphism). Create your own design for a character that is made up of something non-living. Draw your design and then annotate with ideas about its personality.

(1 hour)

Explorative Task

- Visit the [Oak National Academy](#) website.

Choose one of the famous scientists (Katherine Johnson, Alexander Graham Bell, Rachel Carson, George Washington Carver, Stephen Hawking, Marie Curie) and complete the online lesson. What contribution have they made to science? What impact did they have?

Produce a biography of your chosen scientist. (2 hours)

Also:

- Make contact with your teacher on Purple Mash 2email. You could send some pictures of your work or just write about what learning you have completed that week.