

Year 6
Learning
Pack 5

Dear Year 6,

I hope you are all staying positive and enjoying the warmth of the sun recently (whilst out in your garden, during a walk/bike ride or run for your daily exercise or even just with your windows open). A reminder to keep washing your hands thoroughly – sing happy birthday twice in your head. We have lots of time to be mindful, help around the house and focus on doing what makes you happy.

Your health and wellbeing are very important, if you are not doing so already, follow Joe Wick's workout routine every morning at 9am- https://www.youtube.com/results?search_query=joe+wicks. Make it a fun filled competition, get the whole family to join in.

Quiet '*me time*' is necessary, meditation, reading and yoga will help you strengthen your mind.

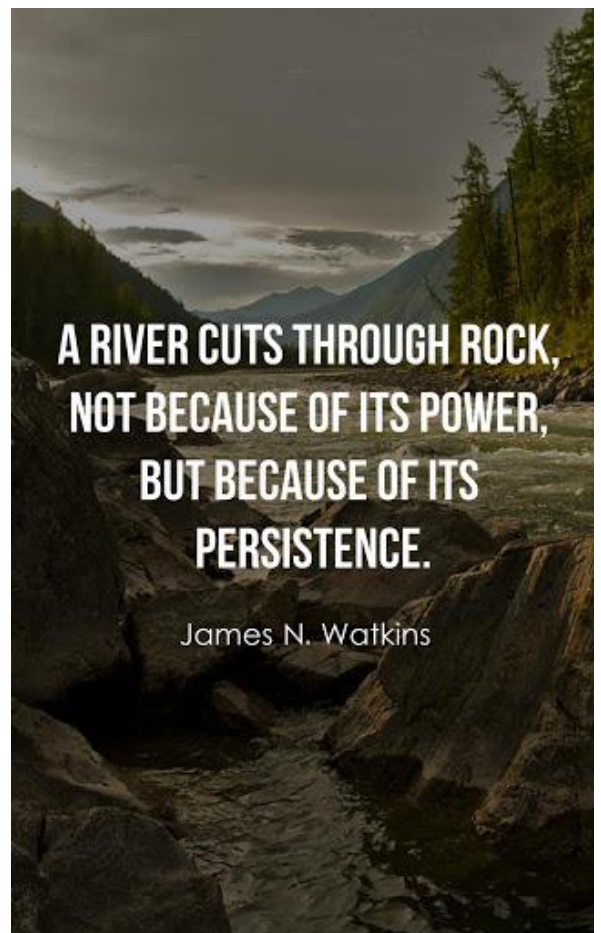
You are allowed one form of exercise outside the house, so make the most of it. Ride your scooter/bike, jogging/running or take a walk. Remember if there are other people out, who do not live in your house, make sure you are at a distance from them (2 metres minimum).

Home learning: Timetables Rockstar, Khan Academy, Purple Mash, Read Theory, Vocabulary Ninja (word of the day).

Quote of the week- Share this with your family, talk about what message does the quote give us. Draw a picture to summarise this quote.

Best wishes,

Mr Hussain, Mrs Khan, Miss Lancaster, Miss Ajaib & Mrs Haworth



Question: How can one person make a big difference?

Amazingly, 99-year-old British war veteran, Captain Tom Moore has completed 100 laps of his 25m back garden in Marston Moretaine, Bedfordshire! He has raised over £28 million for Britain's National Health Service (NHS) and has received donations to his fundraising challenge from all around the world! Captain Tom began raising funds to thank NHS staff who helped him with treatment for cancer and a broken hip, he originally aimed to raise just £1000 but quickly passed his target!

Listen, think and share this with your family.

- Read through the information found in the resource, all about Captain Tom Moore's incredible achievement. Captain Tom didn't even leave his garden but managed to raise a lot of money and raise the spirits of the nation! Can we think of anything we can do at the moment to help others?
- Mother Teresa, a Catholic nun who dedicated her life to helping others said, "If you cannot feed a hundred people, feed one." Talk about what you think she meant by this? Do you agree?

Reflection

However small we think our actions are, we can all contribute to help make a positive difference to the world around us. At some point, to someone or something, our actions matter!

Challenges!

Challenge 1 – Write a letter or thank you card and send it to someone who has made a difference in your local community, this could be for a teacher, family member or neighbour.

Challenge 2 – Draw a picture of Captain Tom Moore completing his challenge.

Read through the information below, all about Captain Tom Moore's incredible achievement. Can you think of any local heroes in your community?

Captain Tom's Challenge

Ahead of his 100th birthday celebration, war veteran Captain Tom Moore set himself the challenge of walking 100 laps of his garden to help raise money for the NHS.

His challenge has raised awareness all over the world and has led to many others setting their own similar challenges!

Captain Tom has also lifted the spirits of many during difficult circumstances.

Captain Tom, who is originally from Keighley in West Yorkshire, has risen from nowhere to become a hero for many, all around the world!



Captain Tom Moore completing his 100-lap challenge at his home in Bedfordshire.

*"I say thank you very much indeed. I appreciate it because the object for which we're donating is so important and so necessary... I think you're all so kind and thoughtful contributing to this cause."
Captain Tom Moore*

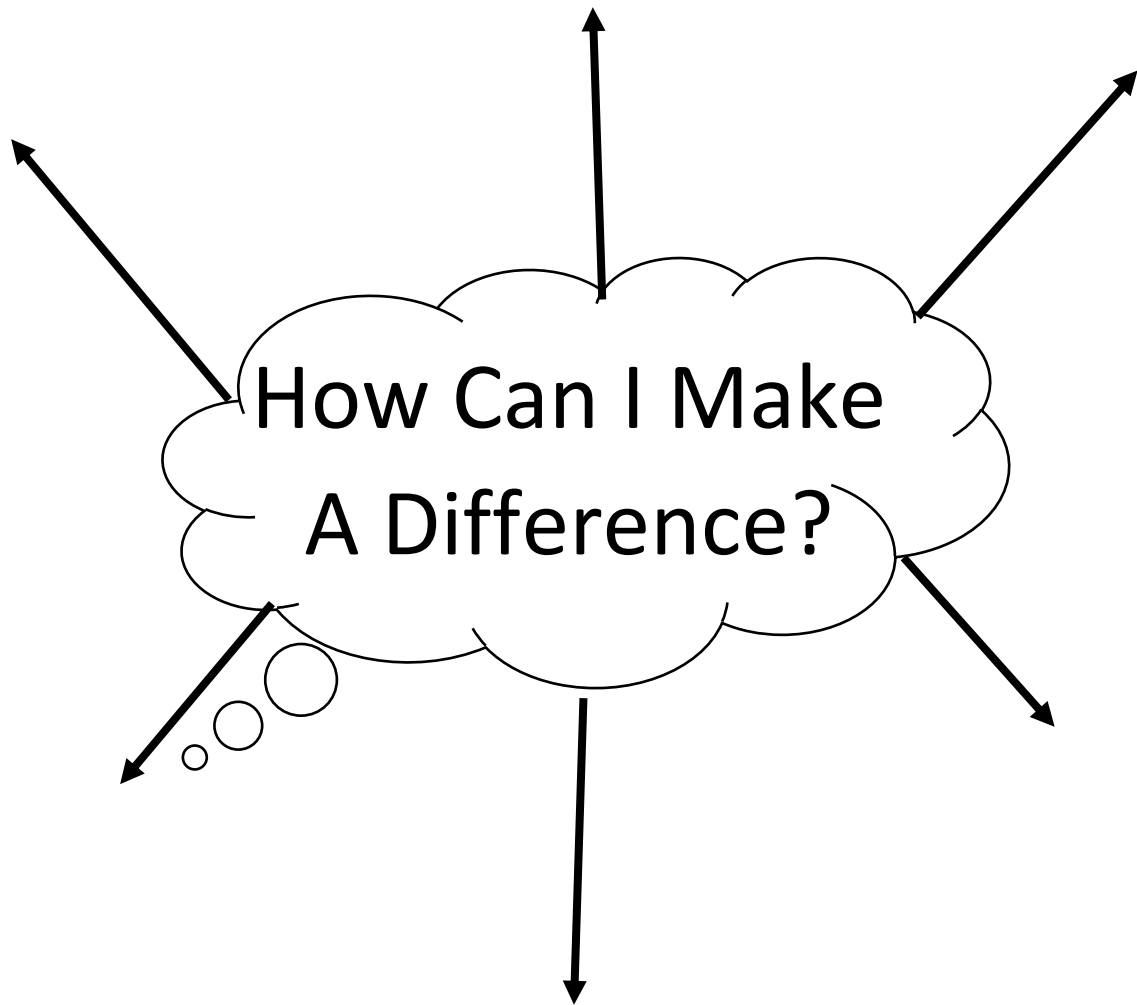
How much has been raised?

Captain Tom originally aimed to raise £1000 but quickly passed his target to reach over £28 million for the NHS!



Captain Tom served in India and Myanmar during World War Two

Complete this mind map. You can write or draw your ideas. They can be little actions that will make a big difference!



Arithmetic Challenge.**Can you complete all 3 challenges?****Challenge 1:** Complete the questions in less than 35minutes.

Question	Answer	Tick
1) $859 + 300 =$		
2) $334 \times 2 =$		
3) $5.2 + 6.6 =$		
4) $8 \times 12 =$		
5) $6,643 + 694 =$		
6) $985 \div 5 =$		
7) $537 - 38 =$		
8) $56.12 + 12.7 =$		
9) $7 \times 8 \times 4 =$		
10) $\frac{14}{18} - \frac{6}{18}$		
11) $6 \times _ = 12 \times 3$		
12) 45.03×100		
13) $2^3 - 4^2$		
14) $500,000 - 350$		
15) 20×200		
16) $4,050 \div 10$		
17) $(2 \times 3) + 4 =$		
18) 3.82×6		
19) $\frac{4}{7} + \frac{2}{7}$		

Challenge 2: Highlight arithmetic problems you got incorrect and have a family member help you (type it in YouTube/google and find an explanation online if not).**Challenge 3:** Create your own version of an arithmetic test and try complete it in less than 35 minutes too! Can you improve your time or score?

	Tick
20) $2,635 \div 8$	
21) 25% of 5,800	
22) $566,643 - 58,675$	
23) 432×75	
24) $2 \times 3\frac{2}{5}$	
25) $5\frac{1}{6} - \frac{3}{6}$	
26) $3,866 \div 4$	
27) $3\frac{1}{4} - \frac{3}{8}$	
28) 8/10 of 860	
29) $2 \times 3 \times 4$	
30) $700 \times 30 \times 20$	
31) $\frac{1}{10} + \frac{5}{20} + \frac{10}{40}$	
32) $45,463 + 37,430$	
33) $6,532 \div 5$	
34) $86 - 9.85$	
35) 83×427	
36) $69 - 7.83$	



Solve using written or mental methods

Which method would you choose to solve these problems? Why?



- Danielle scored 400 on level one of her new phone game. She scored 250 on level two. However, she lost 50 points. What was her total score?

Always write your calculation down. Even if you do it in your head!

- Michael has been practising and scored 478 on level 1 then 893 on level two. He lost 18 points altogether across both levels. What was his total after level two?



Multi-step Problems – Let's practice 1

Year 6 baked 728 cakes for a charity cake sale, Years 1 and 2 bought 125 during their break time. Year 4 and 5 pupils were very hungry and bought 540. The rest of the cakes were bought by the teachers. How many cakes did the teachers get?



Step 1



Step 2



Read
Underline
Choose +, -, x, ÷
Solve
Answer
Check

Answer:

Multi-step Problems – Let's practice 2

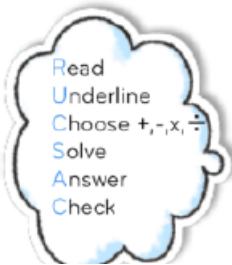
Jamie buys a multipack of crisps for £2.99, some bananas for £1.48 and a bottle of orange juice for 80p. After using his pocket money to buy these, he has £4.73 left. How much money did he have to begin with?



Step 1



Step 2

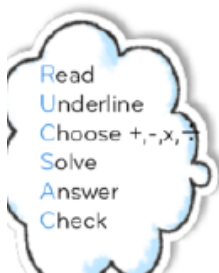


Answer:

Multi-step Problems – Challenge 1



63,500 spectators attended a football match at Arsenal this weekend at 2pm. That is 2,463 fewer people than last week but 4908 more than the week before that. 38,400 people attended the rugby at 8pm at Twickenham. How many spectators have attended the football at Arsenal altogether over the last 3 weeks?



THE NUMBER OF THE DAY!

Can you complete one each day?

Monday: 350

Tuesday: 5680

Wednesday: 8750

Thursday: 3260

Friday: 4440

Monday: 4675

Tuesday: 236

Wednesday: 890

Thursday: 5467

Friday: 9999

Multiply by....

10 =

100 =

1,000 =

Divide by...

10 =

100 =

1,000 =

Write it in word form.

Write in expanded form.

Product of the digits =

Add...

10 more =

100 more =

1,000 more =

10,000 more =

100,000 more =

Subtract....

10 less =

100 less =

1,000 less =

Double it =

Halve it =

Triple it =

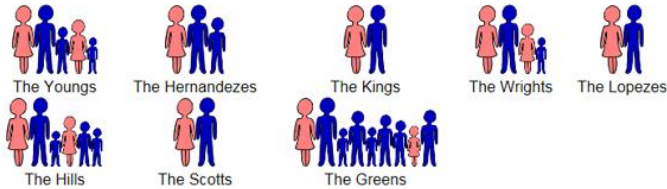
Rearrange the digits...

What's the largest possible number?

What's the smallest possible number?

Fun Maths Challenges

Each bus can hold 11 passengers.



Can you assign families to buses without having to split families up?

Make five numbers

Take ten cards numbered 0 to 9.



Each time use all ten cards.

Arrange the cards to make:

- five numbers that are multiples of 3
- five numbers that are multiples of 7
- five prime numbers

Make up more problems to use all ten cards to make five special numbers.

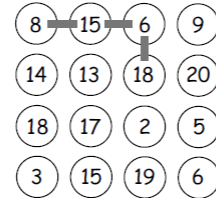
Joins

Join any four numbers.

Find their total.

Joins can go up, down or sideways, but not diagonally.

The score shown is $8 + 15 + 6 + 18 = 47$.



Find the highest possible score.

Find the lowest possible score.

Try joining five numbers.

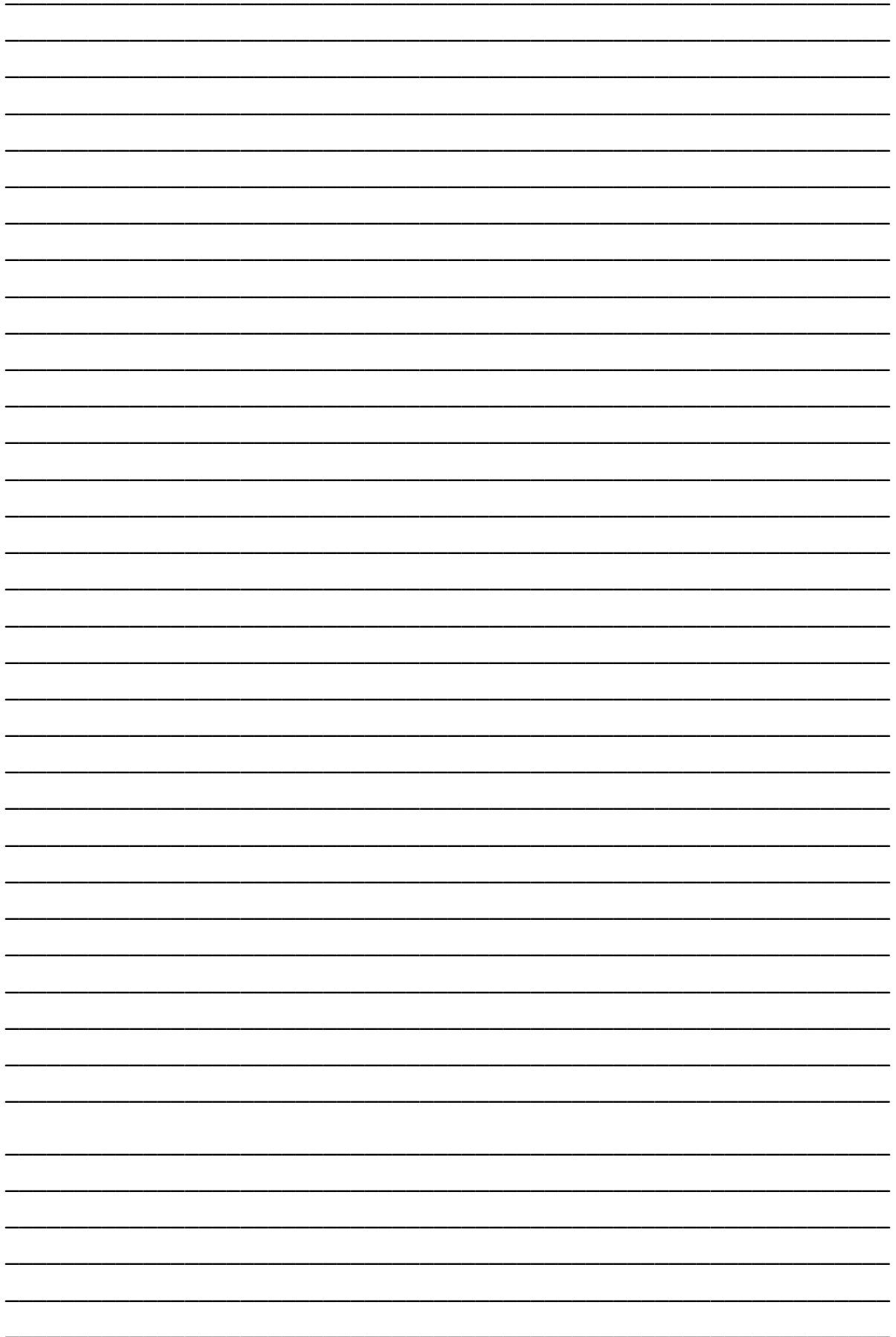
Now try joining five numbers using only diagonal joins.

All About You!

A) How tall are you? Can you find a way to measure yourself?

B) How long does it take you to run 50 metres? How could you find a way to measure the distance? Could you estimate somehow?

C) Have a go creating an estimating game with your family. Keep score and see who is the estimating champion! E.g. How many carrots are in the bag? How heavy is this bag of flour? How far can you jump?



Reading - Ancient Greece

1. PROMETHEUS, THE FRIEND OF MAN

Many, many centuries ago there lived two brothers, Prometheus or Forethought, and Epimetheus or Afterthought. They were the sons of those Titans who had fought against Zeus and been sent in chains to the great prison-house of the lower world, but for some reason had escaped punishment.

Prometheus, however, did not care for idle life among the gods on Mount Olympus. Instead he preferred to spend his time on the earth, helping men to find easier and better ways of living. For the children of earth were not happy as they had been in the golden days when Saturn ruled. Indeed, they were very poor and wretched and cold, without fire, without food, and with no shelter but miserable caves.

"With fire they could at least warm their bodies and cook their food," Prometheus thought, "and later they could make tools and build houses for themselves and enjoy some of the comforts of the gods."

So Prometheus went to Zeus and asked that he might be permitted to carry fire to the earth. But Zeus shook his head in wrath.

"Fire, indeed!" he exclaimed. "If men had fire they would soon be as strong and wise as we who dwell on Olympus. Never will I give my consent."

Prometheus made no reply, but he didn't give up his idea of helping men. "Some other way must be found," he thought.

Then, one day, as he was walking among some reeds he broke off one, and seeing that its hollow stalk was filled with a dry, soft pith, exclaimed:

"At last! In this I can carry fire, and the children of men shall have the great gift in spite of Zeus."

Immediately, taking a long stalk in his hands, he set out for the dwelling of the sun in the far east. He reached there in the early morning, just as Apollo's chariot was about to begin its journey across the sky. Lighting his reed, he hurried back, carefully guarding the precious spark that was hidden in the hollow stalk.

Then he showed men how to build fires for themselves, and it was not long before they began to do all the wonderful things of which Prometheus had dreamed. They learned to cook and to domesticate animals and to till the fields and to mine precious metals and melt them into tools and weapons. And they came out of their dark and gloomy caves and built for themselves beautiful houses of wood and stone. And instead of being sad and unhappy they began to laugh and sing. "Behold, the Age of Gold has come again," they said.

But Zeus was not so happy. He saw that men were gaining daily greater power, and their very prosperity made him angry.

"That young Titan!" he cried out, when he heard what Prometheus had done. "I will punish him."

But before punishing Prometheus he decided to vex the children of men. So he gave a lump of clay to his blacksmith, Vulcan, and told him to mold it in the form of a woman. When the work was done he carried it to Olympus.

Zeus called the other gods together, bidding them give her each a gift. One bestowed upon her beauty, another, kindness, another, skill, another, curiosity, and so on. Zeus himself gave her the gift of life, and they named her Pandora, which means "all-gifted."

Then Mercury, the messenger of the gods, took Pandora and led her down the mountain side to the place where Prometheus and his brother were living.

"Epimetheus, here is a beautiful woman that Zeus has sent to be your wife," he said.

Epimetheus was delighted and soon loved Pandora very deeply, because of her beauty and her goodness.

Soon after this the god decided that it was time to punish Prometheus. He called Strength and Force and bade them seize the Titan and carry him to the highest peak of the Caucasus Mountains. Then he sent Vulcan to bind him with iron chains, making arms and feet fast to the rocks.

So the friend of man lay, miserably bound in chains, while the storms beat about him and an eagle tore at his liver with its cruel talons. But Prometheus did not utter a groan in spite of all his sufferings. Year after year he lay in agony, and yet he would not complain, beg for mercy or repent of what he had done. Men were sorry for him, but could do nothing.

Centuries passed and then a great hero, Hercules, came to the Caucasus Mountains. He climbed the rugged peak, slew the fierce eagle, and with mighty blows broke the chains that bound the friend of man.

2. The Myth Of Prometheus – The Thief Of Fire

Prometheus was one of the Titans, who at some point were sent to Tartarus by the enraged Zeus who didn't accept the Titans's fighting against him in the famous Battle of the Titans – Titanomachy.

However Prometheus was not directly involved in the war, so Zeus saved him from Tartarus and gave him a mission – to form a man from water and earth. Prometheus accomplished the task, but while working on his creation, he grew fond of men. He didn't care much ever about the Gods and their hierarchy, and however friendly treated by them, he was much more comfortable being around the immortals.

In any case, Zeus's idea was not to have men with any unusual power. But Prometheus was thinking the other way, and decided to steal one of the powers Zeus was particularly sensitive about – fire.

Thinking about stealing fire was easy, but it finally proved a bit more complicated. Prometheus, known for his wit and intelligence, had an immediate plan – to trick the

goddesses throwing them a golden pear (in some version – apple) into the courtyard with a message: “For the most beautiful goddess of all”.

It worked as he planned – the goddesses started a fight over the fruit while gods were completely enjoying the scene. All of them were distracted and Prometheus didn’t have a hard time stealing the fire from Hephaestus’s workshop. Hephaestus was, among other stuff, the Greek god of fire. Prometheus happily left the Gods’ playground and took the fire with him either in a hollowed pumpkin or hollowed reed (depending on the interpretation) and brought it to Earth and gave it to humans.

Oh, how Zeus was mad. After so many times being defied by Prometheus, Zeus decided that it was enough. Nevertheless, he made Hephaestus himself to chain Prometheus on Mount Caucasus where the eagle would eat his liver forever.

But, time passed and later Zeus’s son Hercules, on his journey to fulfill the Twelve Labors, passed by the Mount Caucasus, saw Prometheus and decided to kill the eagle and free the chained Titan. Zeus was very angry initially but eventually agreed to grant Prometheus his freedom.

These questions are for the 1st version of the myth.

1. What is the name of Prometheus’ brother?
2. Prometheus was a...
 - A) God
 - B) Mortal
 - C) Titan
 - D) Man
3. Find and copy one word that shows what Prometheus thinks of the lives of the Olympian Gods.
4. What was Zeus’s punishment to man?

These questions are for the 2nd version of the myth.

5. What is your impression of Prometheus? Use evidence to support your answer. 2 marks.
6. Read the two paragraphs starting ... *‘Thinking about stealing fire was easy.’* Then ending... *‘brought it to Earth and gave it to humans.’*
What does this tell you about the goddesses? 1 mark.

Extension Challenges

7. Summarise the story of Prometheus into one paragraph. Which key points are relevant?
8. Can you create a comic strip illustrating this myth?

"Three thousand years of sleep-unsheltered hours,
 And moments aye divided by keen pangs
 Till they seemed years, torture and solitude,
 Scorn and despair,--these are mine empire.
 More glorious far than that which thou surveyest
 From thine unenvied throne, O, Mighty God!
 Almighty, had I deigned to share the shame
 Of thine ill tyranny, and hung not here
 Nailed to this wall of eagle-baffling mountain,
 Black, wintry, dead, unmeasured; without herb,
 Insect, or beast, or shape or sound of life.
 Ah me! Alas, pain, pain ever, for ever!"

Task: Can you create your own poem about Prometheus?

Debate

Complete the table with as many points as you can for each side of the argument.

Statement: Prometheus deserved to be chained to the mountain and have his liver ripped out by a vulture daily.

2 example points have been given already.

For	Against
Selfish, Zeus gave him an instruction, he wanted to do it his way.	He was doing what was right for man.

Overall, do you believe Prometheus deserved his punishment? Do your other family members feel the same way?

Pandora's Box

A long time ago in Ancient Greece, there lived two brothers named Epimetheus and Prometheus. They were good gods with very kind hearts. Zeus, the most powerful of all gods, had hidden fire from mankind, never allowing them to make tools or cook their food. Prometheus, with his kind heart, thought this was unfair.

Prometheus was clever and knew that on the Isle of Lemnos lived Hephaestus, who was a blacksmith. Zeus allowed Hephaestus to use fire to make things for the gods. Prometheus travelled to Lemnos and stole the fire from Hephaestus and gave it to man. He also taught humans civilizing arts such as writing, medicine, mathematics and science.

Zeus was furious at Prometheus and, as punishment, chained him to the side of a cliff for many years. Zeus decided that the humans also needed to be punished for their lack of respect. Zeus was creative when it came to revenge and therefore came up with a very cunning plan.

With the help of Hephaestus, he sculpted a woman out of clay. The goddess Athena breathed life into the clay and the woman came to life. Aphrodite made her beautiful and Hermes taught her how to be both charming and deceitful. Zeus called her Pandora and sent her to Epimetheus, as he knew that he was lonely.

Epimetheus went to visit his brother and Prometheus warned him not to accept any gifts from the gods. However, Epimetheus was so charmed by Pandora that he thought she could never cause any harm. Zeus was pleased that his plan was working and, as a wedding gift, gave Pandora a small box.

When Pandora was given the box, she instantly became curious. The box was locked, but had a small key and a note attached to it that said 'DO NOT OPEN!' Pandora had promised that she would not open the box, but all she could think about was its contents. Why would someone send her a box and not allow her to open it? Pandora could no longer stand the torture of not knowing what was in the beautiful box.

When she knew that Epimetheus was out of sight, Pandora placed the box on the floor and took the small gold key. She closed her eyes and took a deep breath as she unlocked the box. She opened her eyes and pulled the box open, expecting to see fine silk dresses and jewellery. But there was not one gold bracelet or fine silk dress in sight! Instead, Zeus had packed terrible evils into the box and out poured sickness, death, poverty and sadness in the form of a horrible black mass.

Pandora slammed the lid shut, but it was too late; the evils had already escaped into the world. Epimetheus heard her weeping and ran into the room to console her. Pandora could still hear a tiny voice inside the box, pleading to be released. Epimetheus and Pandora thought that nothing could be worse than the horrors that

had already been released, so together they opened the box. Out fluttered hope in the form of a beautiful gold dragonfly, healing some the sickness and sorrow.

Even though Pandora had released suffering and sadness upon the world, she had also released hope, and this made all the difference in the world.

These questions are about 'Pandora's Box'.

1. How is Prometheus described? 2 marks.

2. Who helped create Pandora and how? One has been done for you.

God	Deed
Hermes	Taught her to be both charming and deceitful.

3. What came out of the box? 1 mark.

- 1.
- 2.
- 3.
- 4.

4. Why did Pandora open the box again? 1 mark.

5. Why did hope make a difference in the world? 1 mark.

6. Draw the box being opened – what would it have looked like? What would Pandora's expression be?

Upper Case Letter	Lower Case Letter	Sound
A	α	a
B	β	b
Γ	γ	g
Δ	δ	d
E	ε	e short
Z	ζ	z
H	η	e long
Θ	θ	th
I	ι	i
K	κ	k or c
Λ	λ	l
M	μ	m
N	ν	n
Ξ	ξ	x
O	ο	o short
Π	π	p
P	ρ	r
Σ	σ	s
	ς	S end of a word
T	τ	t
Υ	υ	u
Φ	φ	f or ph or y
X	χ	ch
Ω	ω	o long

Decoding with the Greek Alphabet

Use the key to decode the message written in Ancient Greek letters.

Θ ε Α ν κ ι ε ν τ

— — — — —

Γ ρ η κ ς

— — — — —

δ ε ν ε λ ο π ε δ

— — — — —

θ ε φ ι ρ σ τ

— — — — —

α λ φ α β ε τ

— — — — —

ω ι θ ν ο ω ε λ

ω — — — — —

σ ο υ ν δ ς .

— — — — —

Θ ε ρ ε α ρ ε

— — — — —

ω ν λ φ 2 4

— — — — —

2 4

λ ε τ τ ε ρ ς .

— — — — —

Can you write your own name using the Ancient Greek alphabet? You may have to substitute some letters!

Taking Time For You

Try to find a moment every day to take a breath and relax your body and mind. Here are some activities for you to try out. You can do them as many times as you like!

1. Watch the clouds - Lie down outside and look up at the clouds (taking care not to look directly at the sun). Look out for shapes of animals, objects and even people (you could talk about what you see with a family member or note it down and make a cloud diary).

2. Listen to nature - Go out into the garden and close your eyes. What sounds can you hear? Listen carefully. Can you hear 5 different things?

3. Gratefulness – Write down 5 things for which you are grateful for.

4. Breathing – Find a relaxing place and sit comfortably. Breathe deeply in and out (pretend your belly is a balloon) whilst paying attention to any sounds you might hear.

5. Tense and release muscle relaxation – Starting at the feet, gently squeeze the muscles in the feet by tightening them, then slowly releasing.

Next, squeeze the large muscles in the calves for 5 seconds then gently release.

Work your way up the body all the way to your head.

Other activities

- Yoga
- Meditation
- Colouring (see the mindful colouring included in this pack)
- A relaxing bath

What I Love

Create a collage by completing each section below with an image of something you love.

ANSWERS

MATHS

Answers to the arithmetic test

1. 1159
2. 668
3. 11.8
4. 96
5. 7337
6. 197
7. 499
8. 68.82
9. 224
10. 8/18
11. 6
12. 4503
13. 24
14. 499,650
15. 4000
16. 405
17. 10
18. 22.92
19. 6/7
20. 124
21. 1450
22. 507,968
23. 32400
24. 6 and 4/5
25. 4 and 4/6
26. 966.5
27. 2 and 7/8
28. 688
29. 24
30. 420,000
31. 24/40
32. 82,893
33. 1,306.4
34. 76.15
35. 35,441
36. 61.17

Challenges

1. Danielle = 600 points
2. Michael = 1353 points
3. Teachers = 63 cakes
4. Jamie = £10

5. Arsenal spectators = 188,055

READING

Prometheus

1. Epimetheus or Afterthought

2. Titan

3. idle

4. Pandora (a woman)

5. Any answer supported by evidence in the text.

He is cunning/clever – stole fire from the chief god

He is mischievous – played a prank with an apple on the goddesses to cause a distraction

He is peaceful/kind – did not get involved with the war

6. They are selfish/vain/self-centred/obsessed with their looks/petty/childish.

Pandora's Box

1. Clever, good, kind-hearted. (Must have 2).

2. Athena – breathed life, Aphrodite – made her beautiful, Hephaestos – sculpted.

3. sickness, death, poverty, sadness, hope (must have 4).

4. To release hope as it was pleading in a tiny voice.

5. Hope means that things will get better. We need hope to achieve goals and progress in life.





