Razorbill Week 15 : Learning Project – Gods and Mortals Online
Age Range: Y4/5
Weekly English/Topic Tasks
Monday- Watch this video explaining the story of Icarus: https://www.youtube.com/watch?v=3s2QPQnuaGk What do you think is the moral of the story? Explain in your own words how you might relate the meaning of the story to the modern day. Are humans reaching too far with science and technology? These are your own thoughts, there is not really a wrong answer. Please post your responses on Google classroom.
Tuesday- Listen to the story of Theseus and the minotaur: https://www.bbc.co.uk/teach/school-radio/ks2-primary-history-ancient-greece-theseus/zkvqkmn Makes notes on the key points of the story so you can refer back to them later in the week.

Wednesday- SPaG

Thinking about the story you listened to yesterday, how are descriptions used to enhance the narrative? How do you know what the labyrinth or Minotaur look like? Complete the sheets below for the images on them. Now try again but describe the Minotaur and labyrinth. For the Minotaur create a word bank before you start your sentences, it might be helpful if you did a word bank for the labyrinth as well.

Look at these characters from the Twinkl Originals story 'Cole's Kingdom'. Read the character descriptions and use the word banks to improve them. You may choose to re-organise the sentence structure.

King Enk

King Enk had a thin face. His hair was white and he wore a crown on top of his head. He had a pointed beard.

Word Bank

grey	narrow	wrinkled	regal
thin	fine	silver-streaked	sullen
shining	snowy	wispy	cunning

Where is this setting located?

What does it feel like (temperature, movement, texture)?

How does the place make you feel? What effect does it have on your body?

What might you find here?

What does it smell like?

What can you see?

Write a simile about this place.

What can you hear?

Thursday-
Create your own minotaur character but this time use a different animal. Your creature could be half man and half lion. Or half woman and half eagle. Its up to you. Use the character description work from yesterday to help guide you through your description. You could also create a back story for the creature. How did it become this way? Magic? A curse? Is it kind-hearted or evil? Use an online thesaurus to help you find some powerful and imaginative vocabulary.

Friday- Using the character you created yesterday, rewrite the story of Theseus and the minotaur but using your own character. You could even write it from the point of view of the minotaur character instead of Theseus. Why was he in the Labyrinth? Was he captured? What had he done wrong?
Don't forget to include a setting description of the Labyrinth. Please post your completed stories on Google classroom.

Weekly Maths Tasks- Yr5

Monday-

Place Value

Reveal answer

Write three hundred and seventy thousand, and fourteen in numerals.

+ and −

Reveal answer

9600 + 900 =

Reveal answer

22 500 - 2900 =

× and ÷

Reveal answer

Use a written method to solve this calculation:

1426 × 5 =

Fractions

Reveal answer

What number is hidden in these equivalent fractions?

$$\frac{9}{10} = \frac{\square}{20}$$

Problem Solving

Reveal answer

Write three numbers that have the factors 3 and 4.

Reasoning

2 is a composite number.

Is Jamil correct?

Explain your reasoning.

Weekly Maths Tasks- Yr4

Monday-

+ and −

3500 + 600 =

Reveal answer

1030 - 500 =

Reveal answer

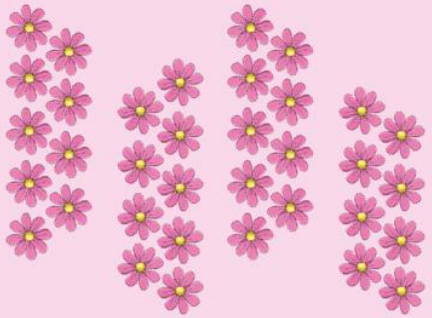
× and ÷

3 × 4 × 6 =

Reveal answer

44 ÷ 9 = 4 remainder 8

Reveal answer



Place Value

Reveal answer

Write five thousand and twelve in numerals.

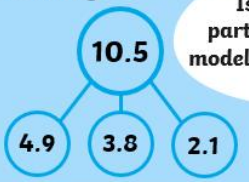
Problem Solving

Reveal answer

Alison buys a book for £3.49 and pays with a £5 note. She gets three coins as change. What coins does she get?

Reasoning

Is my part-whole model correct?



Explain your reasoning.

Tuesday-

Converting units of measurement

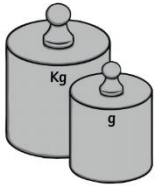
Capacity - Litres

Complete this table:

Millilitres (ml)	Centilitres (cl)	Litres (l)
450		
	370	
		6.93

Which is larger?
a) 340ml or 3.4 litres
b) 560cl or 0.56 litres

Mass - Grams



Complete these:

$\frac{1}{2}$ kg = _____ g

$\frac{3}{4}$ kg = _____ g

Which is greater?

$\frac{1}{3}$ kg or $\frac{1}{4}$ kg

Explain why.

Distance and Length - Metres

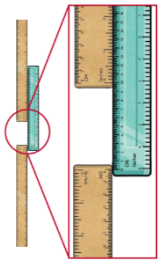
Match these measurements:

40cm	0.4cm
4000mm	0.4m
4mm	400cm
4m	40,000m
40km	4km
4000m	4m

Conversion Word Problem

A teacher makes a mixed fruit juice drink, pouring three 750ml cartons of juice into a large jug. What is the volume of the mixed juice drink in litres?

Conversion Word Problem



Natalia and Christian measure the height of a classroom using two metre sticks and a ruler. One metre stick reaches the ceiling and one is touching the floor. The cm ruler measures the gap between the metre sticks.

What is the height of the classroom in metres?

Tuesday-

Converting units of measurement

100cm=1Metre 1000metres=1km

1. Complete the table to show how many metres there are in the kilometre measurements:

Kilometres	Metres
1km	_____m
2km	_____m
3km	_____m
4km	_____m
5km	_____m
6km	_____m
7km	_____m
8km	_____m
9km	_____m

Use <, > or = to compare the measurements:

1km 500m		750m
2250m		2km 250m
3750m		3km 500m
4km 250m		5250m
8250m		8km 250m
6500m		6km 250m
8km 750m		8250m

Wednesday-

Place Value

Reveal answer

Round 6.53 to the nearest tenth.

+ and −

Reveal answer

95 400 + 6000 =

Reveal answer

100 000 - 4000 =

× and ÷

Reveal answer

Use a written method to solve this calculation:

1683 × 8 =

Fractions

Reveal answer

Convert this mixed number into an improper fraction:

$7\frac{1}{3}$ =

Problem Solving

Reveal answer

A bus begins its journey at 09:50 and ends at 15:30. At what time will it be halfway through its journey?

Reasoning

To convert a mixed number to an improper fraction, I multiply the whole number and numerator and add the denominator.

Is Jamil correct?

Explain your reasoning.

Wednesday-

+ and −

12 + 89 =

Reveal answer

300 - 205 =

Reveal answer

× and ÷

4 × 7 × 7 =

Reveal answer

38 ÷ 3 =

Reveal answer

Place Value

Reveal answer

Put these numbers in order from smallest to greatest:

8036 8306 8630 8063

Problem Solving

Find three different ways to complete this part whole model.

Reasoning

I have drawn a line of symmetry on this trapezium.

Is Jamil correct?
Explain your reasoning.

Thursday-.

Hours and Minutes

The film Zootropolis is 108 minutes long.

Explain how you would convert this to hours and minutes and then calculate the finishing time when the film starts at 14:25.

Hours and Days

An online company promises delivery within 48 hours. How many days is that?

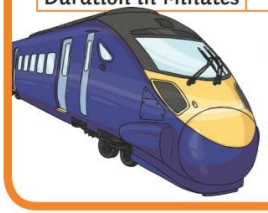
Medicine needs to be taken once every 6 hours. How many days will 32 tablets last?

How many hours in a week?

Take the train

Here is a train timetable.

Sheffield	Departs	12:58	13:29	13:49	14:29	14:49	15:29
London St Pancras	Arrives	14:59	15:31	15:59	16:32	17:07	17:29
Duration							
Duration in Minutes							



1. Work out the duration of each journey in hours and minutes.
2. Convert the duration of the journeys into minutes.

Thursday- **Converting units of measurement**

10mm =1cm 100cm=1Metre 1000metres=1km

Converting Centimetres to Millimetres	Converting Millimetres to Centimetres
1) 4cm = mm	1) 50mm = cm
2) 7cm = mm	2) 30mm = cm
3) 5cm = mm	3) 90mm = cm
4) 3cm = mm	4) 80mm = cm
5) 8cm = mm	5) 10mm = cm

Converting Centimetres and Millimetres to Millimetres	Converting Millimetres to Centimetres and Millimetres
1) 1cm 5mm = mm	1) 65mm = cm mm
2) 2cm 5m = mm	2) 115mm = cm mm
3) 5cm 5mm = mm	3) 95mm = cm mm
4) 4cm 5mm = mm	4) 135mm = cm mm
5) 8cm 5mm = mm	5) 105mm = cm mm

Converting Metres and Centimetres to Centimetres	Converting Centimetres to Metres and Centimetres
1) 1m 50cm = cm	1) 650cm = m cm
2) 3m 50cm = cm	2) 250cm = m cm
3) 4m 50cm = cm	3) 950cm = m cm
4) 6m 50cm = cm	4) 150cm = m cm
5) 8m 50cm = cm	5) 1050cm = m cm

Friday-

Place Value

Reveal answer

Which symbol completes this number sentence?

40 804  40 840

+ and −

Reveal answer

280 000 + 39 000 = 

Reveal answer

920 000 - 65 000 = 

× and ÷

Reveal answer

Use a written method to solve this calculation:

71 × 18 = 

Fractions

Reveal answer

Add these fractions:

$\frac{3}{10} + \frac{2}{5} =$ 

Problem Solving

Reveal answer

What fraction is halfway between $\frac{3}{5}$ and $\frac{4}{5}$?

Reasoning

To calculate 18% of a number, I can subtract 2% from 20%. I will find 20% by dividing the number by 5, and 2% by halving that answer.

Is Jamil correct?

Explain your reasoning.

Friday-

+ and −

3000 + 90 = 

Reveal answer

4090 - 300 = 

Reveal answer

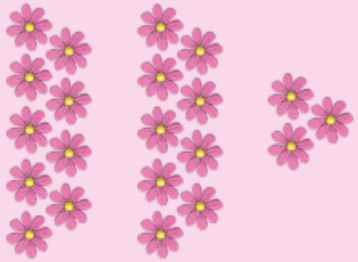
× and ÷

9 × 9 × 8 = 

Reveal answer

21 ÷ 9 =

Reveal answer



Place Value

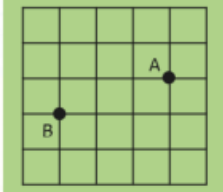
Reveal answer

What are the next three numbers in this sequence?

225 200 175 ○ ○ ○

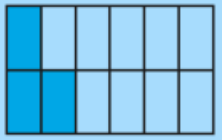
Problem Solving

Reveal answer



Describe the translation from point A to point B.

Reasoning



I need to colour in five more parts to show $\frac{2}{3}$.

Is Jamil correct?
Explain your reasoning.

Science/DT project
Transport

The activities below can be attempted over the next couple of weeks and into the summer holidays.

- **Transport Inventors** - Ask your child to find out about famous transport inventors such as Henry Ford and The Wright Brothers. Create fact files about these inventors. Can your child draw sketches of different modes of transport **then** and **now**? Can they place different modes of transport on a timeline using their invention date?

- **Colourful Collage** - **Ask your child to create their own transport collage. Encourage them to draw, colour or paint a variety of vehicles or make a large collage of one vehicle. Ask them to use bold colours to really make their vehicles stand out! The collage could be made using cut up squares from magazines and leaflets.**.

- **Obstacle Course** - Ask your child to find any toy transport (cars, trains, etc) they may have at home, then they can design an obstacle course for their vehicle to travel around. This could be on a track or floor involving ramps inside or in the garden. Another idea - get each family member to make a paper aeroplane and throw each one in turn and see whose travels the furthest. Ask your child to measure the lengths of the distance travelled and record these on a bar chart. ***Recommendation at least 2 hours of exercise a week.***

- **Let's Talk Transport** -Talk as a family about transport in your life. Talk about how you get to school and work. Do you get your food delivered? Does anyone in the family operate a mode of transport? Is it their job? Discuss the first family car owned. Ask your child to mind map all of the ways your family relies on transport and then to imagine a life without it.

- **Transport Around the World** - Ask your child to look at how people travel around in India. Research online for - Buses, cycle-rickshaws, autorickshaws, e-rickshaws, tempos (big, brutal-looking autorickshaws), taxis, boats, tongas (horse-drawn carts), metros and urban trains provide transport around India's cities. Encourage them to compare this to Venice and how the people there travel around (gondola and sandolo tours all around the city). Can your child design a new vehicle suitable for each of these places thinking carefully about suitable and local materials?

- **Is it a Bird? Is it a Plane? Is it a paper aeroplane-** Look at this link and choose a few different paper aeroplanes to make. Which ones flies the best? Why do you think that is? Could you modify the design at all to make it even better? Then think about how you are going to test them, how you can make it a fair test, and what results you want to find. Make a chart to show your results! (This is really about enjoying making and testing the planes!)

- **Coming down without a bump! –** Using everyday household objects, you need to make a parachute that works effectively. Your challenge is to make it work well enough to hold an egg and stop int from breaking when you drop it from a height (and upstairs window!) Make sure you test your parachute before you put the egg in it! (NB – it's worth hard-boiling the egg first to stop it from being too messy!)

- **Beep beep! -** Make a balloon powered car using the instruction here. Can you make the car more efficient? Can you decorate it so that it looks like a car you would like to be seen in!?

- **Faster Than a Speeding Bullet...Train-** The Shanghai Maglev, also known as Shanghai Transrapid, is currently the fastest train in the world, running between Shanghai and Beijing in China. Challenge your child to be just as speedy and complete the following 5 activities as fast as possible: Star jumps, tuck jumps,

press-ups, squats and lunges. Ask them to record how many repetitions of each activity they can perform in 1 minute. Can they beat their personal best? Challenge them to record their heart rate (beats per minute) after each activity. ***Recommendation at least 2 hours of exercise a week.***

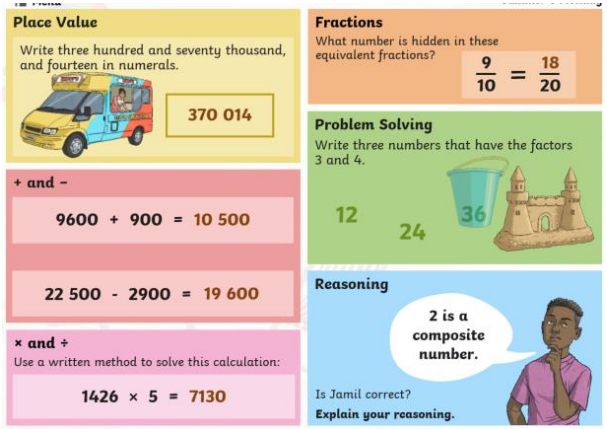
- **Make and Do - Make it Go!-** Support your child to try this hover balloon activity**.** You will need the following equipment: CD, bottle top with push/pull closure, like those on some sports drinks or water bottles, blu-tack or glue and a balloon. Alternatively, they could have a go at creating a baking powder powered boat. You will need the following equipment: empty water bottle, baking powder, kitchen roll or tissue, scissors, straw, vinegar, sellotape. If you don't have access to this equipment, your child can watch and read about the experiments and can discuss with you their favourite, providing reasons for their opinions.

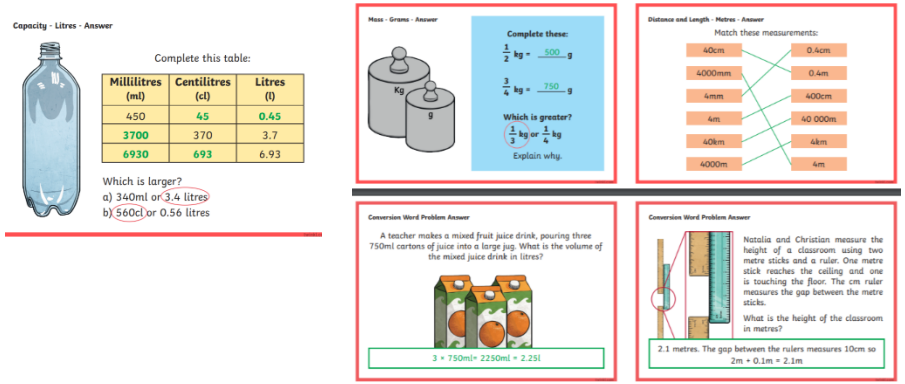
Mindfulness - Sometimes when we think about new situations, or when we know things are going to change, it can make us feel worried. Feeling anxious or worried is normal; it's a step your body takes to make sure you are safe. There are techniques we can use to help us feel calm, even when things are changing or when times are difficult. Today we will learn one of these techniques. It's all about increasing your superpowers! Stand in a quiet space with your legs slightly apart, your back straight and your head tall, with your arms bent and your hands on your hips. Make sure your position is tall and strong. Just like Superman or Wonder Woman might stand! Keep still in this position and start to take long, slow breaths. If you like, you can also try focusing on the positive feeling, or the superpower, you want to have to help you through the difficult time. For example, you could say to yourself 'I am brave' or 'I am confident'. Notice how you feel after spending a few moments in this big, strong position. Try it anytime you are feeling worried or nervous… it will really help you to feel powerful!

Additional learning resources parents may wish to engage with

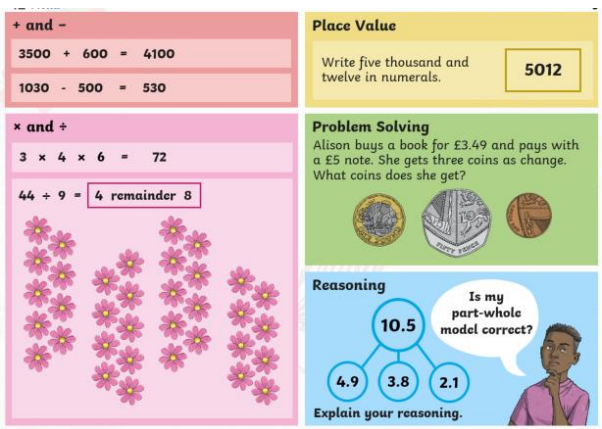
- CODE Maths Hub Daily Fluency Activities -
- https://www.topmarks.co.uk/maths-games/daily10 - arithmetic challenges
- **BBC Bitesize -** Lots of videos and learning opportunities for all subjects.
- https://www.thenational.academy/ A large selection of video lessons and learning resources. These cover a range of subjects including maths, English, art and languages.
- **Classroom Secrets Learning Packs** - Reading, writing and maths activities for different ages.
- **Twinkl -** Click on the link and sign up using your email address and creating a password. Use the offer code UKTWINKLHELPS.

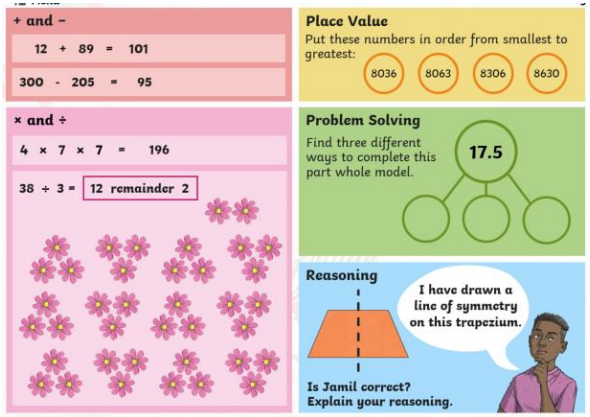
YR5 answers





YR4 answers





Place Value

Round 6.53 to the nearest tenth.

6.5

+ and −

95 400 + 6000 = 101 400

100 000 - 4000 = 96 000

× and ÷

Use a written method to solve this calculation:

1683 × 8 = 13 464

Fractions

Convert this mixed number into an improper fraction:

$7\frac{1}{3} = \frac{22}{3}$

Problem Solving

A bus begins its journey at 09:50 and ends at 15:30. At what time will it be halfway through its journey?

12:40

Reasoning

Is Jamil correct?

Explain your reasoning.

+ and −

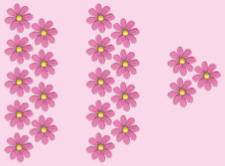
3000 + 90 = 3090

4090 - 300 = 3790

× and ÷

9 × 9 × 8 = 648

21 ÷ 9 = 2 remainder 3

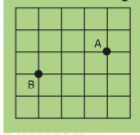


Place Value

What are the next three numbers in this sequence?

225 200 175 150 125 100

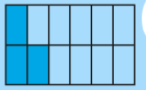
Problem Solving



Describe the translation from point A to point B.

3 left and 1 down or **1 down and 3 left**

Reasoning



Is Jamil correct?
Explain your reasoning.

Divide the number of minutes by 60 to get the whole number of hours. In this case, 1 hour (60 minutes). Subtract the multiple of 60 from the minutes to leave the number of minutes after the hours. 108 – 60 = 48. 108 minutes = 1 hour and 48 minutes.

The film starts at 14:25. Add 1 hour, makes 15:25. Add the 48 minutes to 25 gives 73 minutes. As it is more than 60, the finish time will be after the following hour by 13 minutes (70 – 60 = 13). The film will finish at 16:13.

An online company promises delivery within 48 hours. How many days is that?
2 days

Medicine needs to be taken once every 6 hours. How many days will 32 tablets last?
8 days

How many hours in a week?
168 hours

Sheffield	Departs	12:58	13:29	13:49	14:29	14:49	15:29
London St Pancras	Arrives	14:59	15:31	15:59	16:32	17:07	17:29
Duration		2:01	2:02	2:10	2:03	2:18	2:00
Duration in Minutes		121	122	130	123	138	120

Place Value

Which symbol completes this number sentence?

40 804 < 40 840

+ and −

280 000 + 39 000 = 319 000

920 000 - 65 000 = 855 000

× and ÷

Use a written method to solve this calculation:

71 × 18 = 1278

Fractions

Add these fractions:

$\frac{3}{10} + \frac{2}{5} = \frac{7}{10}$

Problem Solving

What fraction is halfway between $\frac{3}{5}$ and $\frac{4}{5}$?

$\frac{7}{10}$

Reasoning

Is Jamil correct?

Explain your reasoning.