



Aged 9 - 11

WEEKLY INSTRUCTIONS

WEEK 11

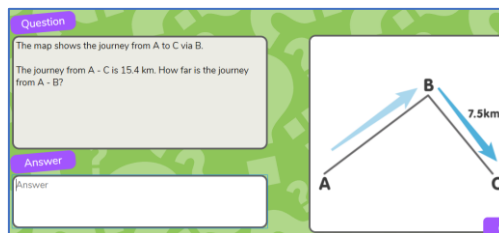
Monday

Welcome to the start of the week. Everyone at Purple Mash hopes you had a great weekend. This week we read a short story called '*Secret Agent Grandpa.*' When Mia goes to visit her Granddad at the retirement home, she is unprepared for the adventures to come as they hunt down a super villain. In today's opening chapter, Mia visits her Granddad at the retirement home and he tells her he needs her help for last secret spy mission.

After reading the story, there is a comprehension exercise to complete as well as an extended writing activity. You will need to write about one of your grandparents or an elderly person who you know well.

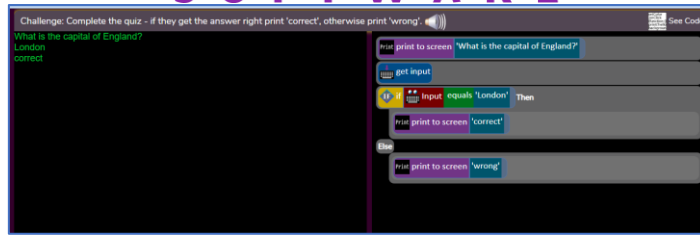


In maths, there are some questions where you must calculate the distance taken on a journey or part of a journey. Can you work out the answers without using a calculator?

A screenshot of a maths problem interface. On the left, a 'Question' box contains the text: 'The map shows the journey from A to C via B. The journey from A - C is 15.4 km. How far is the journey from A - B?'. Below it is an 'Answer' box with a text input field. On the right, a diagram shows a triangle with vertices A, B, and C. A blue arrow points from A to B, and another blue arrow points from B to C. The distance from B to C is labeled as '7.5km'. A small purple 'Q' icon is in the bottom right corner of the diagram area.

It is then time for some coding. In today's exercise, you need to write some code relating to inputs. Remember to use the hints if you need some support with the coding challenges.

simple SOFTWARE



```
Challenge: Complete the quiz - if they get the answer right print 'correct', otherwise print 'wrong'
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```
What is the capital of England?  
London  
correct
```

```
print to screen "What is the capital of England?"  
get input  
if input equals 'London' then  
    print to screen 'correct'  
else  
    print to screen 'wrong'
```

Remember to set some time aside for PE to ensure you keep fit. This could be a run around the garden, a brisk walk with your mum or dad or watching a keep fit routine on the Internet.

Tuesday

In today's chapter of our story, Mia finds out more about the super villain and her plan for world domination. After completing the comprehension exercise, create a leaflet to advertise Wi-Braces.

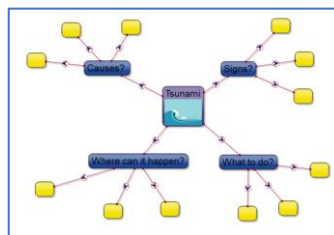


In maths, you will multiply HTU X TU. Can you solve the questions using an appropriate written method?

22 × 209 =				
1	2	3	4	
5	6	7	8	
9	0	-	×	

For our topic work this week, you will be studying the power and might of tsunamis. Tsunamis are huge waves often caused by earthquakes or landslides.

Today you need to research tsunamis and then complete the mindmap. Use your research to complete an information text all about tsunamis.



Remember to spend some time exercising and eating healthy food.

Wednesday

Today we are halfway through the week and you are working well. In Literacy, we are going to read chapter 3 of 'Secret Agent Grandpa' and then complete some activities based around what you have read. In today's chapter, Mia's brother Rhys has a visit to the dentist. For the extended writing: *Mia has collapsed on the floor after inhaling the purple gas. Is it too late for her to stop Rhys from being fitted with Wi-Braces?* Write down what you think happens next in the story.

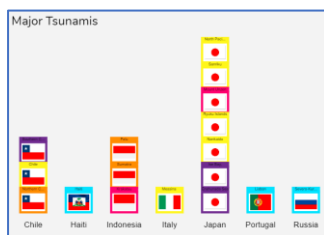


In maths, you are going to multiply fractions by a whole number. Can you match the question to the answer?

Match the question to the answer.

$\frac{1}{2} \times 12 =$	$\frac{1}{3} \times 12 =$	$\frac{3}{4} \times 4 =$
•	•	•
•	•	•
4	3	6

For topic work on tsunamis, you are going to use a database about major tsunamis in history and then answer the questions. For this activity you will need to have two tabs open. One tab will have the database showing and the second tab the database questions. The next activity sees you answer questions about tsunamis and their causes and consequences. Maybe you could use 2Quiz to make your own tsunami quiz and send it to a friend or your teacher via 2Email.



Question

Of the major tsunamis recorded how many took place in Japan?

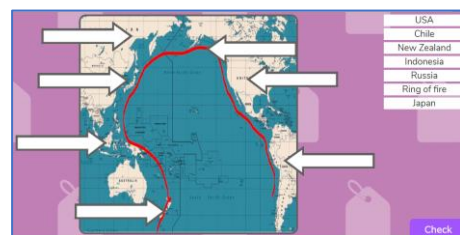
Answer

5

6

7

8



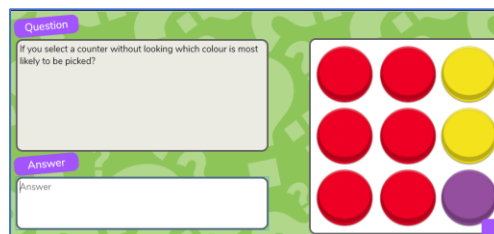
As on previous days, remember to set some time to make sure you exercise and eat a healthy lunch.

Thursday

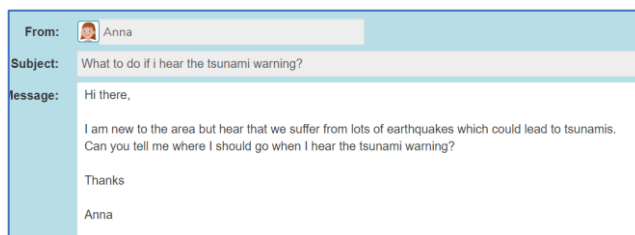
Today we read the next chapter of our story. In the chapter, Mia and Grandad visit the secret spy base underneath the nursing home. After answering the comprehension questions, for the extended writing you will need to write a detailed product specification for the Devastator 9000, describing all of its special features.



In maths you are going to do some work on the probability of something happening.



For the work on tsunamis today, you are going to answer an email about what you should do in a tsunami emergency and then finish a 3D game where you must collect all of the essentials needed to survive a tsunami and make sure the waves don't catch you. Design the walls of the maze and then drag the objects and waves into the game. Maybe you could share the game with your teacher or friends.



Hopefully, the weather is sunny, and you can get outside for some exercise.

Friday

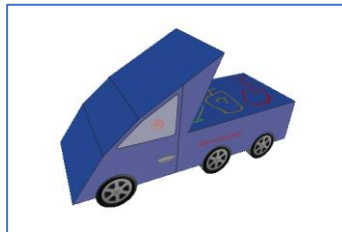
Today we read the next chapter of '*Secret Agent Grandpa*'. Grandad and Mia discover the villain's secret hideout. After completing the comprehension exercise for the extended writing, continue the story in the form of a play script.



In maths, you will be completing a quiz about angles. Remember –

- Acute angles are less than 90°
- A right angle is 90°
- An obtuse angle is smaller than 180° but bigger than 90°
- A straight angle is 180°
- A reflex angle is more than 180° but less than 360°

For our final set of activities on tsunamis, based on what you have learnt this week and your own research on the Internet, produce a leaflet about tsunamis and then design a vehicle in 3D that could drive along the beach warning holiday makers that a tsunami is coming.



Have a great weekend and thanks for all your work this week.