

Monday 18th January 2021

Year 4 Home Learning

Good morning Year 4, welcome back to another week of online learning. We hope you all had a lovely weekend and ready for the new week to begin.

Reading Books

Please use the Oxford Owl reading site to download reading books to read. Alternatively, if you wish to change your reading book, please send me an email and we can arrange a date and time for you to come to school.

Well done to the top spellers this week on Spelling Shed.

1. Ava Raspison
2. Keira Mirrow
3. Joshua Cross

Mr Farrier and Miss Thompson

9am	9:15	9:30	10am	10:30	11am	11:30am	12pm	1pm	1:30pm	2:15pm	3pm
Spelling	PaG	English	30 minute zoom drop in- English	Break	Maths	30 minute zoom drop in- Maths	Dinner	Reading	Science	30 minute zoom drop in	Story Time

English Drop in

Topic: English Drop in

Time: 11:30 AM daily

Join Zoom Meeting

<https://zoom.us/j/96553197794?pwd=ejVEVXdwcUZKRmkxTG5lTXZ3TmhHUT09>

Meeting ID: 965 5319 7794

Passcode: y4handale

Maths Drop in

Topic: Maths Drop in Meeting

Time: 11:30 AM Daily

Join Zoom Meeting

<https://zoom.us/j/93310556740?pwd=LzNKRDBNUU+JeEZBczUzNmNFbTF6QT09>

Meeting ID: 933 1055 6740

Passcode: y4handale

Afternoon Drop in

Topic: Afternoon Drop in

Time: Jan 11, 2021 02:15 PM

Join Zoom Meeting

<https://zoom.us/j/91019257804?pwd=WFh6eXFCUINqLOU1c0gvcEhMcUtsUT09>

Meeting ID: 910 1925 7804

Passcode: y4handale

Spelling (15 minutes)

Today's spelling activity is Look, Cover, Write and Check. Please look at the word, cover it up and then have a go at spelling it. once You have finished writing the word, check it! Please make sure you know the meanings of the word. Ask an adult, use a dictionary or research what the word means.

Can you put it into a sentence verbally?

What is the suffix?

evil pupil until Brazil fossil pencil lentil gerbil nostril

mountainous poisonous thunderous contagious curious dubious

glorious gracious hilarious luxurious mysterious precious

religious spacious studious

PaG (15 Minutes)

Today in PaG, I would like you to work on your skills of contractions.

You can use apostrophes to show that you have left out some letters when you are joining words together.

For example, you can join the words 'you' and 'are' together. You + are = you're.

The apostrophe takes the place of the removed letters. In this example, the letter a.

Sometimes, however, you need to rearrange the letters a bit when you contract the words. For example: will + not = won't.

Please watch the bitesize clip:

<https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zcyv4qt>

Task

Complete the tasks on the bitesize webpage for contractions.

There are 3 games and a quiz. Try your best and send over your scores.

English

LC: To create a story mountain on a Traditional tale

For English this morning, I would like you to create a story mountain. A story mountain is a way of visually planning the plot and structure of a story, by separating the plot and structure into clear stages or sections.

You are going to be plotting the events of Hansel and Gretel in the traditional tale. You will be writing in bullet points. These bullet points will then be expanded when you write your own story.

Please watch the video as I talk you through the bullet points:

<https://youtu.be/K9eaffUXtK8>

Here is an example of how I want you to write your bullet points:

Beginning

- The main characters of the story are Hansel and Gretel.
- They live in an grotty, rotting cottage with their father and evil stepmother.
- Their father works hard as a strong woodcutter.
- Their mother sadly passed away in a horrifically cold winter.

Any questions, please drop in the zoom between 10am and 10:30am.

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Story Mountain

Problem

- Where do they wake up?
- What can they smell?
- What does the house look like?
- Who do they meet?
- What does she do to Hansel?

Build-up

- What are they told by their stepmother?
- Where do they need to go?
- Why does she come along?
- What did the stepmother do?
- Why did Hansel's plan fail?

Fronted adverbials

Resolution

- How does Gretel get rid of the witch?
- How does she free Hansel from the cage?
- Where do they run to?
- Who do they find in the forest?

Ending

- Who do they see on the streets?
- What is she doing?
- How does Gretel help her?
- How does the family feel?

Conjunctions to use

Beginning

- Who are the characters?
- Where do they live?
- What is their problem?
- Why are they sad?

Who, what, where,
why, when

Maths Meeting (15 minutes)

For today's session, I would like you to practise your 6 times tables. We are going to use the number line method that we practised on zoom.

Please draw a number line in your book and write the 6 times tables along it. Please go up to 6×10

6 12

What is the middle number? What action do we do for this?

What is the key numbers? (3×6 and 7×6) What action do we do for this?

What is the multiplication?

Can you cover up some numbers and see if you can still remember?

Here is our favourite song for the 6 times tables:

<https://www.youtube.com/watch?v=e7rYbk9PNuM>

Maths (45 minutes)

Today in maths, we will be solving worded problems about length, mass and volume. Today's lesson will only focus on one-step problems.

Please watch the video to practise our skills of solving worded problems:

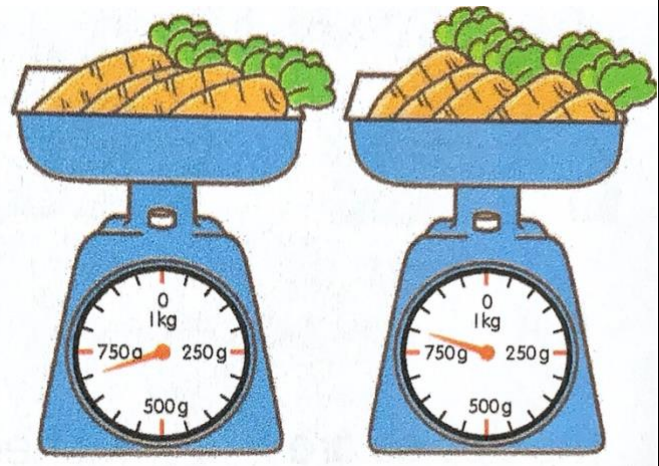
Here are your questions for today:

1. What is the total mass of the two lots of carrots?

_____ = _____

The total mass of the carrots is

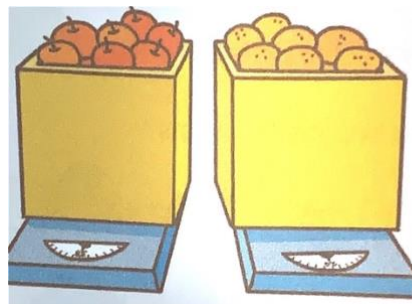
_____ kg _____ g



2. The mass of a box of apples is 38kg. The mass of a box of oranges is 24kg. How much heavier are the apples than the oranges?

_____ = _____

The apples are _____ kg heavier than the oranges?



3. Peter has 4 pieces of wool that each have the same length of 178cm. What is the total length of wool that he has?

178cm	178cm	178cm	178cm
-------	-------	-------	-------

_____ × _____ = _____ cm

The total length of wool that he has is _____cm.

4. Hardeep puts some grapes equally into 5 bags. The mass of each bag of grapes is 125g. What is the total mass of 5 bags.

125g	125g	125g	125g	125g
------	------	------	------	------

_____ × _____ = _____ g

The total mass of the 5 bags of grapes is _____g

5. Tai cuts a ribbon 135cm long into 5 pieces. What is the length of each piece?

?	?	?	?	?
---	---	---	---	---

 = 135cm

_____ ÷ _____ = _____ cm

The length of each piece of ribbon is _____ cm

6. Farha fills up a jug with 728ml of water. Her jug contains 95ml less water than Millie's jug. How much water is in Millie's jug?

7. Peter has 1000ml in a jug. He completely fills up some cups with all the milk from the jug. The capacity of each cup is 250ml. How many cups does he fill?

8. Ruby's aunt buys 108kg of flour for her shop. She repacks the flour equally into 9 bags. How many kg are there in each bag

Reading

For reading this afternoon, I would like you to complete an inference task. The image shows a mysterious island. Please answer the following questions using capital letters and full stops. Make sure to explain your reasonings using conjunctions.



1. What magical powers does this island have?
2. What is the most beautiful thing here? Describe it using upper level adjectives and verbs.
3. Where is this mysterious island located?
4. How do you get here?
5. There is a mysterious creature that roams these lands. What is it?
6. What foods do you have to eat whilst you are here?
7. Where do you sleep at night?

Science

This afternoon Year 4, you will be continuing your science topic about States of Matter. Last week, you explored gases and learnt how an object can get lighter once a gas is removed.

This afternoon, you will be investigating heating and cooling.

Please follow the video to explore temperatures of melting and cooling points.

Pause the video whenever you need:

Task

Your task today is to explore cooling and melting points of chocolate. You will need an adult to help you with this task. You will be making rice crispy cakes and melting three pieces of chocolate. One will be melted at a cool temperature, one at a medium heat and one at a boiling heat.

You will need to measure how long it takes for chocolate to melt at a cool, medium and hot temperature.

Which one was the quickest? How long did it take?

Alternatively, you can do this task in the microwave- how many seconds does it take the chocolate to melt. Keep checking it!

Once you have completed this task, you will then need to add your rice krispies.

Maya said- "the best place for them to cool is outside."

I want you to test this.

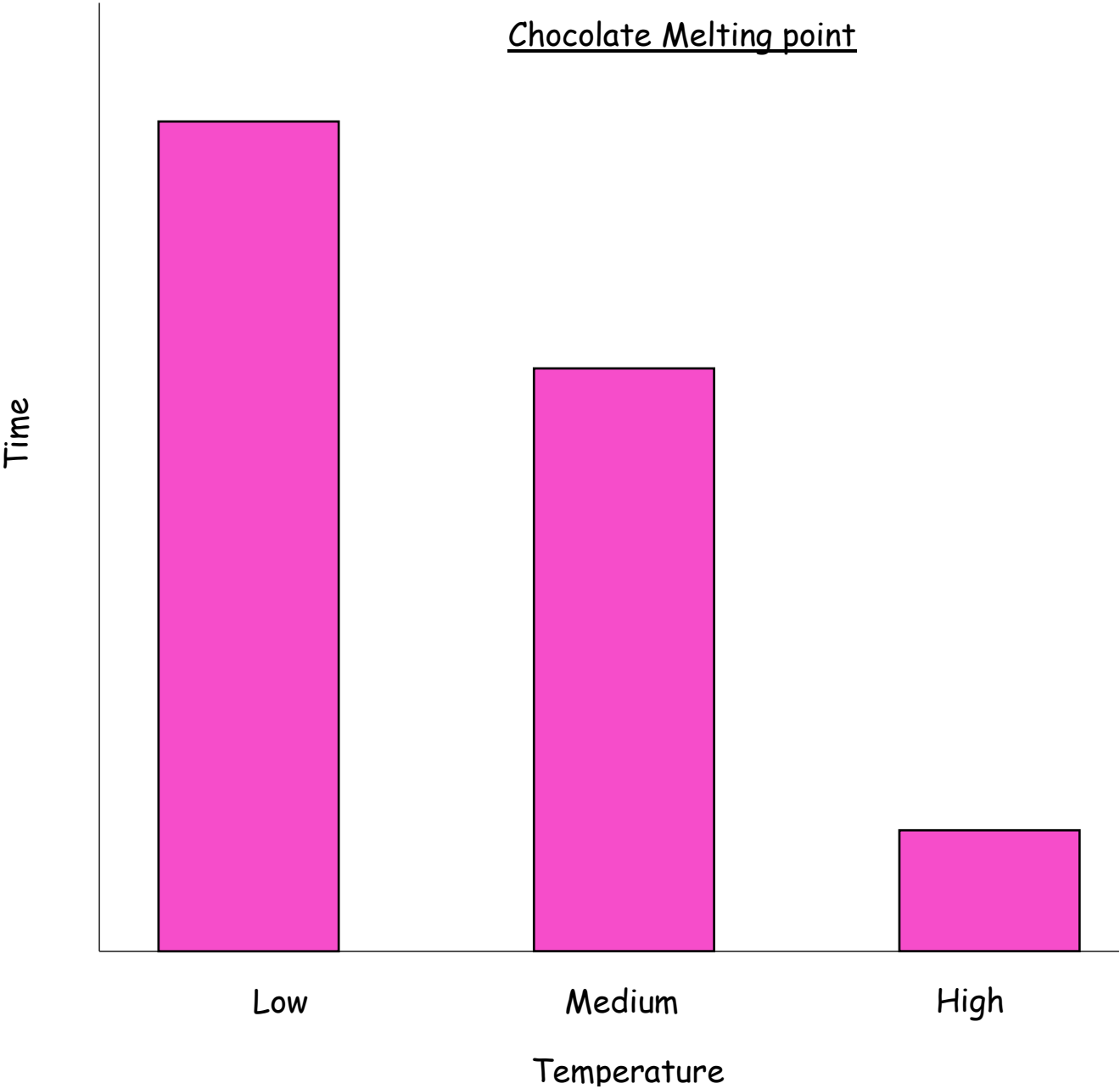
Place two cakes outside, two in the fridge and you choose the other places.

What was the best place for the cakes to set?

Extension Task

Exploring water and ice. Freeze some water in the freezer, how long does this take to fully freeze? Once frozen, how long does it take to melt at room temperature?

Example table:





Chocolate Investigation



Can you help Maya find the temperature that melts chocolate the fastest? Plan your investigation then carry it out!

Equipment: Draw or write the things you will need.

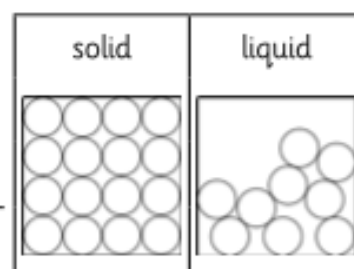
You will float the pieces of chocolate in foil tins on trays filled with different temperatures of water. How will you make sure your results are reliable? Think about what you will keep the same and what you will change.

What will you measure and observe in this investigation? Use the pictures to help you.

I will measure...

I will observe...

What do you predict will happen? Which temperature of water will melt the chocolate fastest? Why do you think this will happen? Refer to the behaviour of the particles in the pieces of chocolate in your answer.





Chocolate Investigation

Complete this table with your results:

	Tray 1	Tray 2	Tray 3
Temperature of water			
Time taken for chocolate to melt			

Draw a bar chart using your results. Don't forget to label the axes.

What is your conclusion? Can you tell Maya which temperature melts chocolate the fastest?
Can you explain why this happened?

Story Time

Well done year 4, your online learning for today has been completed. Grab a book and relax, you have earned it.

Speak again tomorrow!