Week 7 Home school work

https://stories.audible.com/discovery

Listen to the fourth chapter of The Mystwick School of Musicraft

The Tree House Blues

There are questions and tasks to challenge you based on this chapter. These should take you a few English lessons to complete (in other words, don't tackle them all at once!).

Spellings

Read through the spelling rule and complete the practise exercise. Then, practise the ten spellings using the read, cover, write and then check method.

Maths

Converting Units of Measure (length)

Look at the colour diagram that tells you how to change mm to cm, cm to m and m to km (and vice versa). You do this by multiplying or dividing by 10, 100 0r 1000.

Look at the power point or pdf. document to remind yourself how to multiply by 10, 100 or 1000. To divide by 10, 100 or 1000 you will jump one, two or three places to the right instead.

Follow the instructions at the top of each set of questions to complete the problems on the worksheets and remember to include the units after your answers.

Start with the first set of questions. They gradually get trickier! Stop when you feel you need more help to continue. Try to challenge yourself but please don't confuse yourself. Only do as much as you feel you understand and are confident with.

Quick Investigations

Using a calculator, in one step, what operation would you use to change:

7 to 0.07 0.4 to 40 1.7 to 17

30 to 0.3 65 to 0.65

Tom says, "If I divide a three-digit number by 100 it always has a digit after the decimal point."

Is he right?

Use a calculator to find out

Challenge Question

I divide a four-digit number by 100. The answer is between 70 and 75. What could the four-digit number be? Give ten different answers.

Hint

The four-digit number could end in one or two zeros.

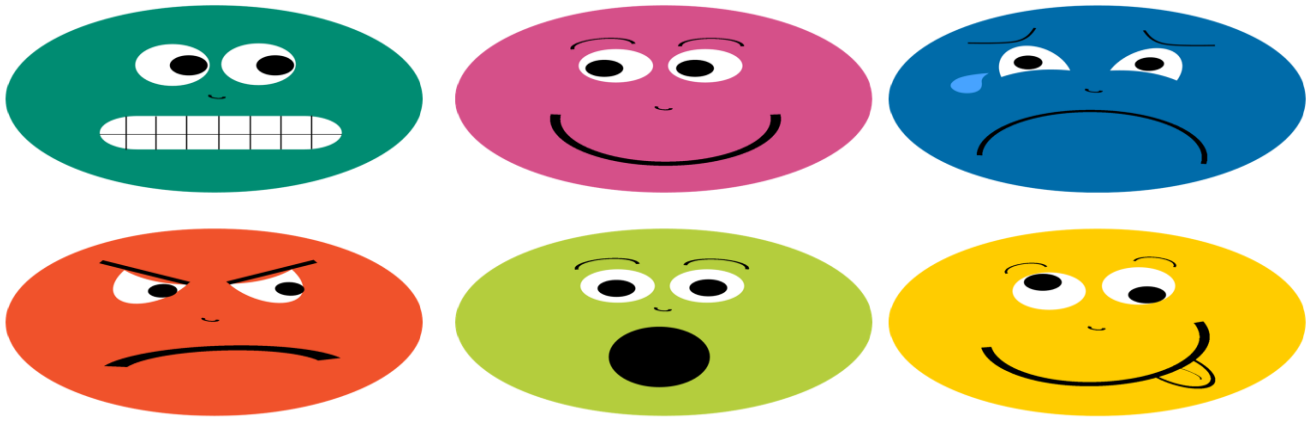
71.89 is a number between 70 and 75 and so is 73.06 for example.

PSHE

Mental Health and Emotional Wellbeing

Expressing Feelings

Use the power point presentation to help you but, instead of doing the suggested 'Feelings Match- up Activity', I have given you a blank grid so you can just put words with similar meanings in the blank spaces next to the words in the first column and organise them from least to most powerful. I have given you instructions above the grid. There are some other activities for you on the power point presentation (there is also a pdf. document with the same information) and a body outline to help you complete one of the activities. You could copy it and draw your own.



Maths

Compare Numbers with the Same Number of Decimal Places

Time to continue to practise working with numbers using tenths and hundredths, that is numbers with two decimal places.

Some of us will *even solve comparison word problems that involve decimal numbers*

Some of us will *compare three-digit numbers with two decimal places*

Most of us will *compare numbers with two decimal places*

All of us will *compare numbers with one decimal place*

Look at the power point first (there is also a pdf. document with the same information) as a reminder if you can.

Next, choose the type of question that suits you: yellow, green, lilac or blue. Challenge yourself and if you complete the blue questions, try the questions in the white challenge box.

English - Writing a Formal Letter Activity

Read the letter from Bebop the alien and see if you can spot any mistakes and correct them! Your task is to write a reply telling Bebop all about you and your planet and answer Bebop's questions. You must use a formal letter writing style so Bebop's address should be in the top right-hand corner (you can make up his address but remember the name of his planet is 'Boogie'). Your address should be below Bebop's address but on the left, above 'Dear'…

Remember to put a comma after Dear Bebop, and then start a new line, for example,

Dear Bebop,

I really enjoyed reading your letter…

Finish you letter with King regards and then your name underneath for example,

Kind regards

Miss Denney

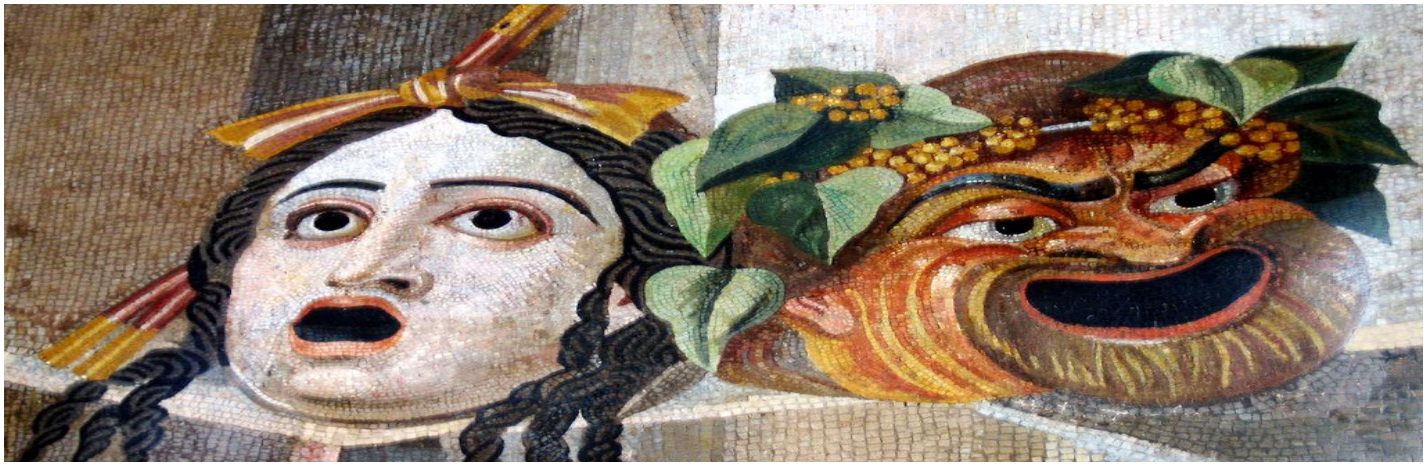
History

http://primaryhomeworkhelp.co.uk/greece/theatre.htm

http://www.theatre-facts.com/history/ancient-greek-theatre-facts.html

https://www.bbc.co.uk/bitesize/clips/zx67xnb

Read the statements about Greek Theatre Masks and colour in the statements that are true. You will have to research this topic first so, there are useful links above. Then, design your own theatre mask in the Ancient Greek style.



Challenge Questions

1000 grams is a kilogram

1000 millilitres are a litre

100 centimetres is a metre

Using your knowledge about dividing and multiplying by 1000 and 100:

1. Write 3500 grams in kilograms

2. Write 750 millilitres in litres

3. Tell me how many millilitres there are in 2.5 litres

4. If there are 1500 millilitres in a bottle, tell me how many litres there are

5. Tell me how many centimetres there are in three quarters of a metre

Science

Flowering Plants

Start with the simple image of a plant and label the cross section by copying and drawing your own. Then, draw (copy) the more detailed cross section of a plant labelling all its parts. If there are any flowing plants in your home or garden, see if you can identify the parts you have labelled on a living, flowering plant.

R.E

Look at the information and images about sacred places in the Sikh religion. Then, research some images of Sikh temples online.

If you had a sacred place, what would it look like? What objects would be in it? Draw the outside and inside of your 'sacred place'.

Think carefully about the meaning of 'sacred' first. Look up the meaning on an online dictionary. Also find words that have a similar meaning using an online thesaurus.

Week 7 Listening Comprehension

https://stories.audible.com/discovery

Listen to the fourth chapter of The Mystwick School of Musicraft

The Tree House Blues

1. Where's the tree house?
2. What has Emilia been doing for the past two weeks?
3. In your own words, tell me what you think a 'sulkathon' is.
4. What sounds can Emilia hear in the woods? Finish these sentences that describe them:
   Wind shivering…
   Pines creaking…
   Squirrels…
   Birds…
5. What vegetable 'stubbles' a fallen log?
6. What are starting to turn brown at the tips of their leaves?
7. What do the 'growing things around' Emilia remind her of?
8. Why doesn't Emilia have to look to slide the pieces of her flute together, do you think?
9. Why is it a surprise when she plays this time?
10. What is it like crossing when she plays without sheet music, not knowing which note is coming next?
11. Who does she think about when she's playing?
12. Can you draw a picture of the Maestro pin? What do you think it looks like? Use your imagination in your design.
13. How does the music Emilia is playing make her body feel?

14. What is Emilia's music causing to happen around her?
15. Why could Emilia's music have been dangerous?
16. Emilia sees a butterfly. Why is it strange? What does it turn into?
17. What does Emilia really think the letter is going to tell her?
18. What does Emilia 'daydream' about the letter telling her?
19. Where does she put the letter?
20. When does she plan to open the letter?
21. What team does Emilia not want to join?
22. Emilia's grandmother says she is a _____ and _____girl.
23. Emilia's music reminds her grandmother of Emilia's mother. How does this make Emilia's grandmother feel?
24. What did Emilia's grandmother lie about?
25. What was Emilia's mother's name?
26. How and where was Emilia's mother found?
27. What killed Emilia's mother?
28. How does Emilia feel when she hears the truth about her mother?
29. What was Emilia's fathers name?
30. What kind of person was Emilia's father?
31. What word does Emilia's grandmother use to describe how Emilia's mother loved her father?
32. What does Emilia think she's 'not good enough'?
33. What's on Emilia's wall?
34. How many times does Emilia read the letter?
35. Can you draw a dangerous spell? Think about the colours and shapes you need to use. Choose the musical instrument you want to include.
36. What's the shiny purple ticket for, do you think?
37. Draw a design for the Mystwick School of Music's Crest. Look up images of school's crests on Google. Harry Potter's school Hogwarts has a crest. This will give you some ideas.
38. Find the meanings of the following words. You could draw or find images to explain the words:

slunk	current
mangled	reject
skitter	constructive
unscathed	scorched
consequence	devastate
warped	reel

Spelling Practise

Week 7

Adding ly an adjective creates an adverb that describes HOW the verb in the sentence is being done.

For example,

The fox jumped quickly – the adverb quickly describes how the fox jumped.

If the root word ends in 'e' remove the 'e' and add 'ly' (gentle/gently)

If the root word ends in 'y', change the 'y' for 'i' and add 'ly'. (sleepy/sleepily)

Change the words below into adverbs by adding 'ly' and then complete the sentences using the correct word.

reluctant quick generous unexpected gentle curious furious serious victorious courteous

The cheetah ran _____ across the dusty land.

Tommy _____ shared his sweets with his sister.

_____, the boy peered into the dark cupboard.

Alfie stroked his new puppy very _____.

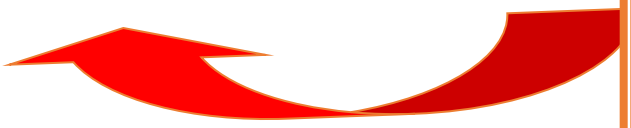
They had won the final match, _____ the team lifted the cup above their heads!

The girl was _____ injured when she fell off her bike.

	1st attempt	2nd attempt	3rd attempt	4th attempt
reluctantly				
quickly				
generously				
gently				
unexpectedly				
curiously				
furiously				
seriously				
victoriously				
courteously				

÷ 10

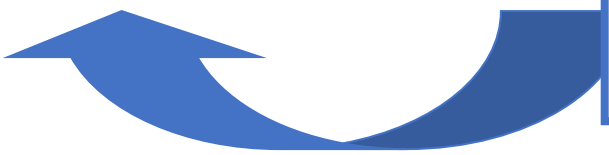
10 mm = 1 cm



× 10

÷ 100

100 cm = 1 m



× 100

÷ 1000

1,000 m = 1km

× 1000

CONVERTING MEASUREMENTS OF LENGTH

When converting from mm to cm	**÷ by 10**
When converting from cm to mm	**x by 10**

Please fill in the missing information in the table below

MILLIMETRES	CENTIMETRES
10 mm	1 cm
30 mm	
	5 cm
70 mm	
	8 cm
100 mm	
83 mm	8.3 cm
	8.7 cm
48 mm	
	11.5 cm
124 mm	
	547.4 cm

CHALLENGE

Sarah is 2 metres tall. Her brother is 50 centimetres smaller than her. How tall is Sarah's brother? Give your answer in cm and m.

CONVERTING MEASUREMENTS OF LENGTH

When converting from mm to cm to m	**÷ by 10 and then ÷ by 100**
When converting from m to cm to mm	**x by 100 and then x by 10**

Please fill in the missing information in the table below

MILLIMETRES	CENTIMETRES	METRES
1000 mm	100 cm	1 m
3000 mm		
	400 cm	
6000 mm		
	700 cm	
		9 m
9500 mm	950 cm	9.5m
12250 mm		
	1798 cm	
		24.3 m
	52.9 cm	
		0.813 m

CHALLENGE

Jake has a ribbon measuring 7.4 m. He cuts off 610 cm of the ribbon and gives this to his friend. How much ribbon does he have left?
Give your answer in m, cm and mm.

CONVERTING MEASUREMENTS OF LENGTH

Please fill in the missing information in the table below

MILLIMETRES	CENTIMETRES	METRES	KILOMETRES
1,000,000 mm	100,000 cm	1,000 m	1 km
3,000,000 mm			
	500,000 cm		
		12,000 m	
			14 km
8,300,000 mm	830,000 cm	8,300 m	8.3 km
9,800, 000 mm			
	122,500 cm		
		1,798 m	
			9.27 km
		748 m	
			0.819 km
			0.096 km

CHALLENGE

An athlete took part in a 2.5 km fun run. He didn't finish the race, giving up 800 metres before the finishing line, because of a stitch. How far did he run? Give your answer in km, m, cm and mm.

Obj: I can convert units of measurement (length) by multiplying by 10, 100 and 1000

Can you convert the cm to mm, m to cm and km to m?

1) 45cm = ____ mm

2) 87m = ____ cm

3) 1.1km = ____ m

4) 102cm = ____ mm

5) 43.26m = _____ cm

Can you answer the following the problems? They require some extra calculating!

6) 32km = _____ cm

7) 21m = _____ mm

8) 92.5km = ____ cm

9) 77.12m = _____mm

10) Harriet is a rower and in one week she rows 14.56km. However she needs to find out how many centimetres this is, for science reasons. Can you calculate how many cm she rowed in 1 week?

Obj: I can convert units of measurement (length) by multiplying by 10, 100 and 1000

Can you convert the cm to mm, m to cm and km to m?

1) 48cm = ____ mm

2) 127m = ____ cm

3) 11.1km = ____ m

4) 80.39cm = ____ mm

5) 243.2m = _____ cm

Can you answer the following the problems? They require some extra calculating!

6) 34km = _____ cm

7) 85m = _____ mm

8) 44.35km = ____ cm

9) 97.12m = _____mm

10) Harriet is a rower and in one week she rows 24.56km. However she needs to find out how many centimetres this is, for science reasons. Can you calculate how many cm she rowed in 1 week?

11) Peter measures a park, it measures 156.3m. He needs to work out how many mm this is, can you calculate this?

Obj: I can convert units of measurement by dividing by 10, 100 and 1000

Can you convert the mm to cm, cm to m and m to km?

11) 30mm = ____ cm

12) 643cm = ____ m

13) 1522m = ____ km

14) 2032mm = ____ cm

15) 423.26cm = _____ m

16) 3211mm = _____ cm

17) 2102m = _____ km

18) 392.52mm = ____ cm

19) 7712.14m = _____km

20) Lauren measures her walk to school, and finds it is 45,201cm. How many metres is this?

21) Tom parachutes out of a plane, the height from the plane to the ground is 400,000m, how many kilometres is this?

Obj: I can convert units of measurement by dividing by 10, 100 and 1000

Can you convert the mm to cm, cm to m and m to km?

1) 300mm = ____ cm

2) 643cm = ____ m

3) 1503.32m = ____ km

4) 503.2mm = ____ cm

5) 423.26cm = _____ m

6) 3211mm = _____ cm

7) 2131.2m = _____ km

8) 492.52mm = ____ cm

9) 7712.14m = _____km

10) Lauren measures her walk to school and find it is 45,201cm. How many metres is this?

11) Tom parachutes out of a plane. The height from the plane to the ground is 500,000cm. How many metres is this?

Converting units of length

This week we have been converting units of length by multiplying by 10, 100 and 1000 or dividing by 10, 100, 1000. When answering the questions below, remember that 1km = 1000m, 1m = 100cm and 1cm = 10 mm.

Can you convert the cm to mm, m to cm and km to m?

22) 3cm = _____ mm

2) 43m = _____ cm

3) 12.2cm = _____mm

4) 27km = _____m

5) Rachel is a championship horse rider, in one race she rides 38km and in another she rides 26km. How many metres did she ride altogether?

Can you convert the mm to cm, cm to m and m to km?

6) 70mm = _____cm

7) 361cm = _____ m

8) 1028m = _____ km

9) 32.52cm = ____ m

10) Patrick walks his dog Bruno around the park. In total he walks 6521m, how many kilometres did he walk?

Converting units of length

This week we have been converting units of length by multiplying by 10, 100 and 1000 or dividing by 10, 100, 1000. When answering the questions below, remember that 1km = 1000m, 1m = 100cm and 1cm = 10 mm.

Can you convert the cm to mm, m to cm and km to m?

23) 30cm = _____ mm

2) 44.3m = _____ cm

4) 212.52cm = _____mm

4) 273.12km = _____m

6) Rachel is a championship horse rider, in one race she rides 38.1km and in another she rides 26.43km. How many metres did she ride altogether?

Can you convert the mm to cm, cm to m and m to km?

7) 90mm = _____cm

7) 1561cm = _____ m

9) 3324.28m = _____ km

9) 32.52cm = ____ m

10) Patrick walks his dog Bruno around the park. In total he walks 6521m, how many kilometres did he walk?

11) Bruno runs off to chase some pigeons whilst on his walk. His walk totalled 684903cm, how many metres is this?

LO: To compare numbers with the same number of decimal places

28.04.2020

Some of us will even solve comparison word problems that involve decimal numbers
Some of us will compare three digit numbers with two decimal places
Most of us will compare numbers with two decimal places
All of us will compare numbers with one decimal place

Which style of question suits you?

Make sure you write down the colour of the question that you are working on in your maths book

1. Order the following numbers from smallest to largest
1.4, 1.5, 1.1, 1.2

2. Order the following numbers from largest to smallest
2.6, 2.7, 2.1, 2.9

3. Order the following numbers from smallest to largest
15.5, 16.5, 15.4, 14.9

4. Order the following largest to smallest: 95.5, 96.2, 97.0, 96.9

5. Compare the following numbers using the < or > symbol
14.3 and 14.2

6. Compare the following numbers using the < or > symbol
41.3 and 41.4

7. Compare the following numbers using the < or > symbol
41.9 and 42.0

8. Compare the following numbers using the < or > symbol
941.3 and 941.4

9. List the numbers written to one decimal place, which satisfies the following examples:
<21.9 and >20.1

10. Order the following numbers from smallest to largest
1.38, 1.35, 1.34, 1.36

11. Which set of numbers is greatest to least? Write them in your book and write true or false.

a) 51.6, 51.5, 51.8, 51.7
b) 77.4, 77.3, 78.2, 77.1
c) 77.24, 77.23, 77.21, 77.20
d) 67.81, 67.80, 68.79, 68.78

12. Paul is 154.23cm high and Sue is 154.21cm high. Use the < or > symbol to compare their heights.

13. Jo helped his team raise £17.78 for a charity. Mary's team raised £17.87. Which of the following compares the amounts correctly?
a) £17.78 < £17.87
b) £17.87 > £17.78
c) £17.87 < £17.78
d) £17.87 = £17.78

14. Here are some insect facts:

	Weight (g)	length (mm)
Beetle	0.12	10.21
Bee	0.21	10.22
Ladybird	0.13	7.99
Fly	0.14	10.00

a) Put the insects in order of weight from Lightest to heaviest

b) Which is the longest the Beetle or the Bee?

c) Which insects are both heavier and shorter than the Beetle?

15. In a school long jump competition Emma jumps 1.09m. Sarah jumps 1.11m. Jane's distance was >Emma but <Sarah. Write down to two decimal places how far Jane jumped.

16. Insert the correct symbol (< or >) in the following spaces

0.001 _ 0.011 _ 0.11 _ 0.01

White Box Challenge:

Create and your own order and comparison problems using decimal places to use on different members of the class. For example, you could write a problem, which orders students in terms of their, height, or something of you own choice.

St Paul's Peel C of E Primary School

Stocksfield Drive

Little Hulton

Worsley

M38 9RB

The Planet Boogie

Dear Children,

My name is bebop and I am from the planet boogie.

Boogie land is always warm and sunny. In fact, it is never cold, and it never snows or rain. We dont have any flowers or trees, because there are never any rain, so we have to get our water to drink flown in from another planet.

I like it hear, but I am getting a bit bored. I want to travel the world and see other planets. I keep looking at you're planet on the internet and it looks great. Tell me more about it pleese.

I want to know what the weather is like, where you live and the kinds of things you like to do. You all look really strange to me, fancy only having two eyes, ears, arms and legs. How do you get around? Do you have a rocket?

Please rite back, who knows I might come and visit one day!

Kind regards

Bebop a Lula

happy	concerned	heart-broken	distressed
sad	cheery	cross	anxious
scared	furious	joyful	irritated
angry	petrified	upset	forlorn
worried	ecstatic	troubled	frightened

These words are not in the correct row. Put them in the right row starting with the word that is not very powerful and put the most powerful word in the last column. For example, 'petrified' is a very powerful feeling so belongs in the last row. 'Cheery' isn't very powerful so can stay in the first row.

happy				
sad				
scared				
angry				
worried				

Sacred Places Sikhism - Diwan Hall

The main worship hall, where all Sikhs sit on the floor to show that they are all equal.

Guru Granth Sahib

The Sikh Holy Book. It is kept under this canopy called the channani. When it is being read it is place on a special throne called the takht.

Langar Hall

Special hall for the preparation and consumption of vegetarian food. Sikhs sit on the floor together and eat a meal here. All Sikhs take a turn of helping to run the kitchen.

Nishan Sahib

A triangular flag with the Sikh khanda on it. This is flown on or near the Gurdwara.

Gurdwara Art

The walls of the Gurdwara are decorated with artwork showing flowers, animals, birds and the gurus and events in their lives.