

Home Learning: The Benefits

**Live our
values!**



- Reinforces what has been learned in lessons
- Further develops vocabulary and reading skills
- Develops positive routines and study habits
- Demonstrates our values of ambition and hard work

AMBITION

HARD WORK

**THE AMOUNT OF
EFFORT YOU PUT IN
IS DIRECTLY RELATED
TO THE AMOUNT
OF GAINS
YOU'LL MAKE.**

GYMQUOTES.CO

Home Learning: The Expectations



- Complete 2 activities every day
- Take pride in presentation.
- **Complete the activities as fully as you can.**
- Self assess your answers every day in progress time (except assembly days)
- Ask for help if you need it.

Pride & Productivity:



Maths activity 22

1. Write 208184 correct to 1 significant figure.

200,000 ✓

2. Convert 245 m to km.

0.245 km ✓

3. Find the median of 11, 12, 9, 14, 12, 10

11.5 ✓

4. Work out 0.6×10

6 ✓

5. Substitute $b = 4$ into $4b + 1$

17 ✓

6. Find 25% of 430

107.5 ✓

7. Expand $d(2 + 7d)$

$7d^2 + 2d$

8/9

Science activity 23

1. What is an element?

A pure substance made up of only one type of atom ✓

2. What is a compound?

A compound is made up of two or more different elements that are chemically bonded together ✓

3. What is the elemental symbol for sodium?

Na ✓

4. What is the elemental symbol for oxygen?

O ✓

5. What gas is produced when acid reacts with a metal?

Hydrogen ✓

6. When a gas is produced in a reaction, what do you see happening?

Bubbling and fizzing ✓

7. Which acid produces sulfate salts?

Sulphuric acid (H_2SO_4) ✓

8. Which acid produces nitrate salts?

Nitric acid (HNO_3) ✓

9. Which gas is produced when acid reacts with a metal carbonate?

Carbon dioxide (CO_2) ✓

10. What are the four state symbols?

(s), (l), (g), (aq) - solid, liquid, gas and aqueous ✓

10/10

HARD WORK

Pride & Productivity:



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Academy

6/10

Geography activity 38

1. What is a waterfall?
Where water falls over a steep drop ✓
2. Which type of rock erodes the quickest?
Soft rock ✓
3. What is the deep section at the bottom of a waterfall called?
Plunge pool ✓
4. What happens on the outside bend of a meander?
The fast water erodes the outside of the bend ✓
5. Why does deposition occur on the inside bend of a meander?
~~The water is flowing slowly and doesn't have energy~~
6. What is a glacier?
A big body of ice ✓
7. What process shapes the land when temperatures drop?
Freeze-thaw weathering ✓
8. Which glacial process is similar to sandpaper?
Abrasion
9. What do we call it when the glacier pulls material off/out of the rock?
Plucking
10. What is it called when the glacier drops material it is carrying?
deposition

RE activity 39

10/10

1. What was the Great Departure?
The name of the event when prince Siddhartha left the palace to become an ascetic ✓
2. List the Four Sights that the Buddha saw when he left the palace.
A old man, a sick person, a corpse and a holy man ✓
3. What did the Buddha decide to do after seeing the Four Sights?
That he was going to find peace within himself ✓
And find a way to live without suffering
4. What is an ascetic?
A person who practices great self denial from worldly comforts and pleasures ✓
5. What did the Buddha do to reach enlightenment?
He meditated for years ✓
6. What does 'Buddha' mean?
'Awakened one' or 'Enlightened one' ✓
7. Describe what happened when the Buddha was born.
When Buddha was born he walked, while lotus flower grew underneath him he talked ✓
8. Why did the King protect Siddhartha?
To prevent Buddha from being interested in life of a holy man ✓
9. Why do Hindus celebrate Holi?
To mark the triumph of good over evil ✓
10. What story do Hindus remember at Diwali?
Rama and Sita ✓

Celebrating your success

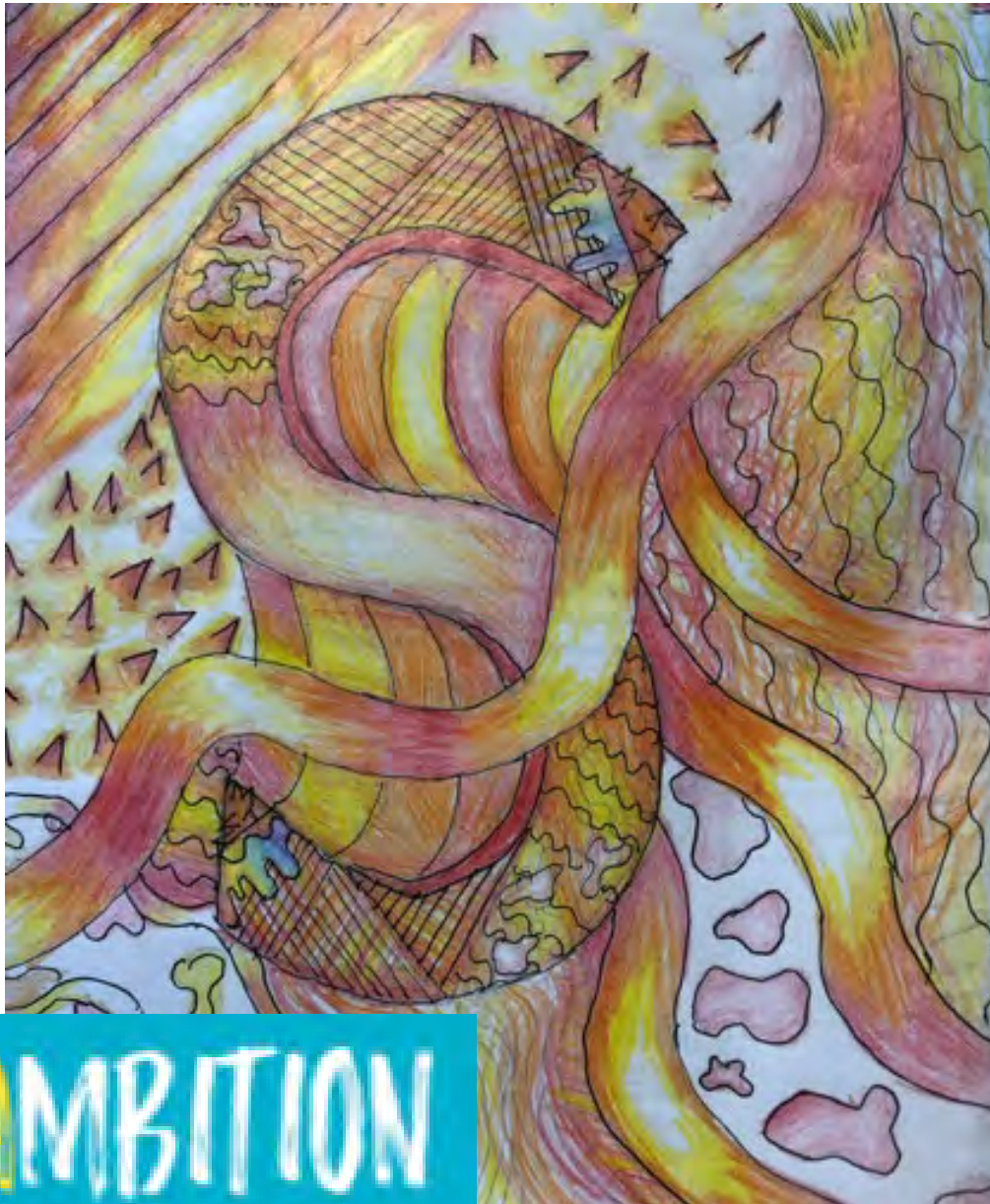
Corrections where necessary to improve your learning

HARD WORK

Pride & Productivity:



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AMBITION






Write the decimal number efficiently. $8 + \frac{7}{10}$ $= 8.7$ ✓	Write the decimal number efficiently. $80 + \frac{7}{10}$ $= 80.7$ ✓
Write the decimal number efficiently. $7 + \frac{3}{100}$ $= 7.03$ ✓	Write the decimal number efficiently. $10 + \frac{3}{100}$ $= 10.03$ ✓
Write the decimal number efficiently. $9 + \frac{4}{10}$ $= 9.4$ ✓	Write the decimal number efficiently. $40 + \frac{6}{10}$ $= 40.6$ ✓
Write the decimal number efficiently. $100 + \frac{4}{10}$ $= 100.4$ ✓	Write the decimal number efficiently. $100 + \frac{1}{100}$ $= 100.01$ ✓
Write the decimal number efficiently. $800 + \frac{5}{100}$ $= 800.05$ ✓	Write the decimal number efficiently. $900 + \frac{3}{100}$ $= 900.03$ ✓

Check your own answers:



1) Complete the table below:

Device	What is it?	Input, Output or Storage?	Used for? (Find a different answer for each device.)
	Monitor ✓	output ✓	Showing text and images ✓
	Mouse ✓	Input ✓	Selecting things ✓
	CD or DVD ✓	Storage ✓	Storing things, eg movies, songs ✓
	USB ✓	Storage ✓	Backing up things from one computer to another ✓
	Keyboard ✓	Input ✓	For typing, creating, editing ✓
	Printer ✓	Output ✓	Printing things ✓

	Hard disk ✓	Storage ✓	Storing files and applications ✓
	Speakers ✓	Output ✓	Hearing system sounds ✓
	Flat-bed scanner ✓	Input ✓	Scanning important documents to store ✓
	SIM card ✓	Storage ✓	Storing phone numbers ✓
	Web cam ✓	Input ✓	Used to video over the internet ✓

10. Give two diseases that were a problem in Victorian Manchester

Cholera ✓	Typhoid ✓
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Activity 2: Vocabulary Test

Learn these 10 words that are linked to the Romans. Use the trick: Look, cover, write, check repeat.

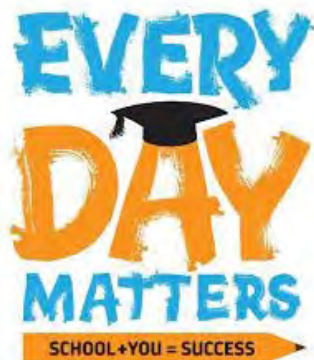
- Whitechapel Whitechapel Whitechapel Whitechapel Whitechapel
- Rookeries Rookeries Rookeries Rookeries Rookeries
- Workhouse Workhouse Workhouse Workhouse Workhouse
- Vagrant Vagrant Vagrant Vagrant Vagrant
- Fenian Fenian Fenian Fenian Fenian
- H Division H Division H Division H Division H Division
- Socialists Socialists Socialists Socialists Socialists
- Anarchists Anarchists Anarchists Anarchists Anarchists
- Gin Palace Gin Palace Gin Palace Gin Palace
- Protection rackets Protection Rackets Protection Rackets

AMBITION

Home Learning: The Process



Year 7, 8 & 9	Year 10 & 11
<u>One</u> hour each day	<u>Two</u> hours each day
Complete 2 activities in the booklet each day	Complete 2 activities in the booklet each day
Revise using your knowledge organiser booklet/online platforms	Revise using your knowledge organiser booklet/online platforms/past papers



Access revision platforms from home and the library.



MathsWatch

SENECA

TASSOMAI

The Learning Program

AMBITION

We expect the best from ourselves. We have ambition and will not let ourselves be limited.