

Welcome to Year 6

I hope you have had a lovely summer!

The year 6 team is me (Mrs Player) and my team of teaching assistants Mrs Dobson, and Mrs Galloway. We are very excited to get the year started, have lots of fun and lots of excellent learning. You will notice that some subjects will have a greater focus next term as we support children recovering the curriculum in class this term

You can contact me at kplayer@shaw.wilts.sch.uk or via the Class Dojo



Extreme Earth

Year 6 are going to kick off the year with a two team topic finding out all we can about our Earth – exploring the Earth's greatest natural disasters and extreme weather phenomena, from raging tropical storms to violent erupting volcanoes to terrifying towering tsunamis.

Investigating the Earth's extreme climates, and finding out about the hottest, wettest, coldest and driest places on Earth.

SCIENCE

Properties and Changes of Materials

- To understand a solid, liquid and gas and that some changes of state can be reversed through filtering, sieving and evaporating.
- To explain some changes caused by heating or cooling from materials or reversible.
- To compare and group together everyday materials on the basis of their properties.

HOMEWORK

We will be using Class Dojo to set homework on Fridays; please upload by following Wednesday (see extra info). Homework books will be given out to complete work in, these do not have to be handed in. Each week there will be reading, spelling and maths homework (with additional grammar from January). Please email me if you have concerns about your child's homework.

READING

We will have three reading sessions a week to support and develop our reading skills. We will be focusing on the reading VIPERS (vocabulary, infer, predict, explain, retrieve, summarise/sequence) using pictures, film, short books and extracts from longer books. We will be using 'Bug Club' for individual reading books; if you have any problems do get in touch so we can fix it as quickly as possible.

Remember the expectation is to read at least 4 times a week at home.

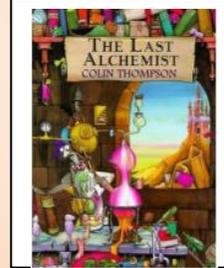
ENGLISH

Writing

T1: Creative writing based on the book The Last Alchemist by Colin Thompson including story writing, letters, leaflets and diaries. We aim to use this inspiring story to help us develop our characterisation and creative writing.

Grammar

- Word classes
- Sentence types
- Adverbs and adverbials of time to structure
- Expanded noun phrases and embedded clauses



MATHS

T1 Number: Place Value

Numbers to ten million; Compare and order any number; Round any numbers; Negative numbers

T1 Checking

Rounding with a specified degree of accuracy, find rough value of calculations, estimation and prediction- checking work.

T1 Calculating division

Mental calculations of numbers up to 4 digits, long multiplication, adding and subtractions in multiple step problems

T1 Calculating division

Dividing up to 4 digit number by 2 digit numbers with remainders and fractions

Other Learning this term

PSHE: T1: **Recovery/ Being Me in the World:** My Year Ahead, Being a Global Citizen, The Learning Charter (understanding my own behaviour and its impact on others and the school community).

French: Continuation of Niveau Blanc modules

Art and DT: Shading and colouring extreme earth based designs

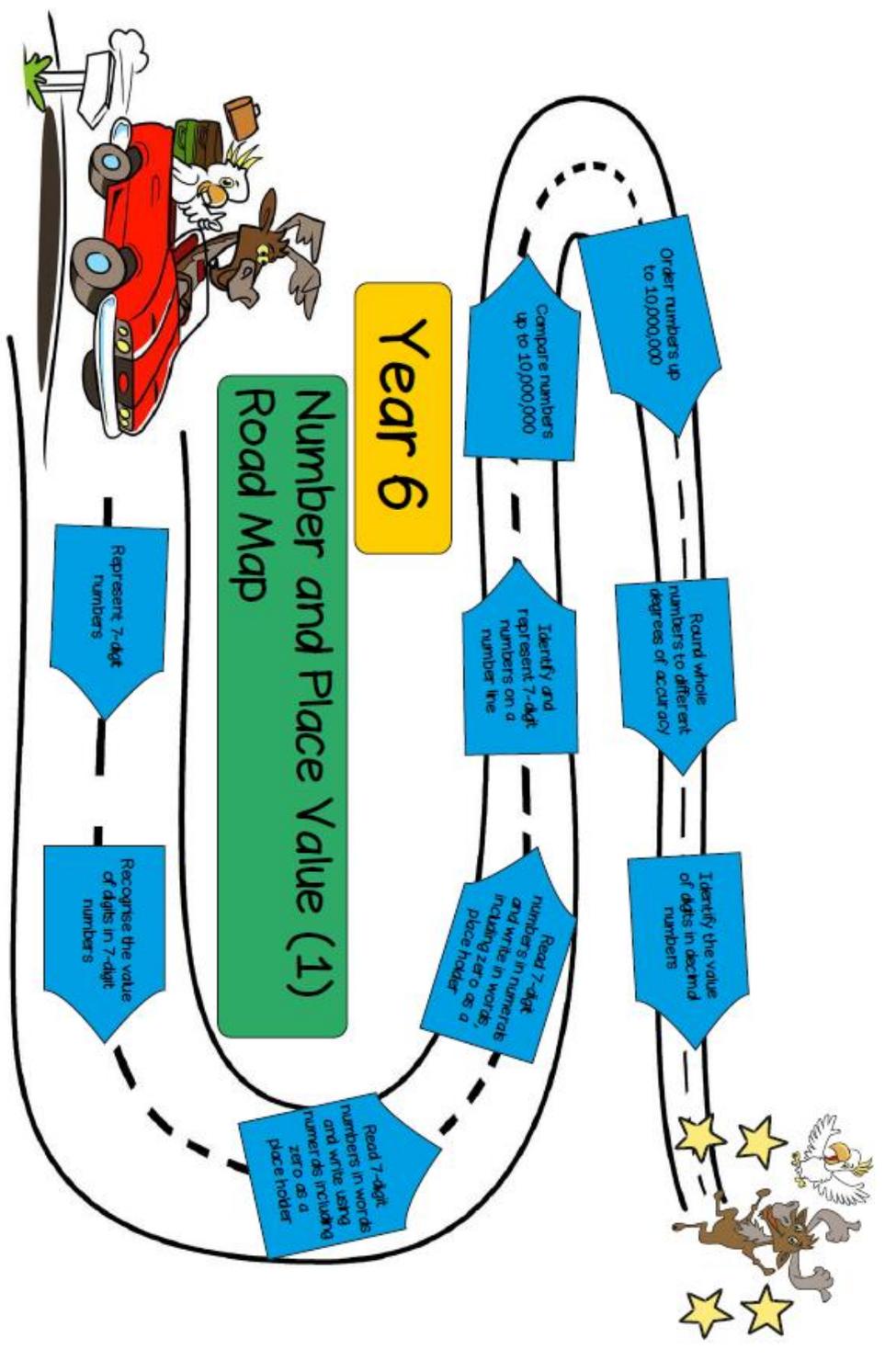
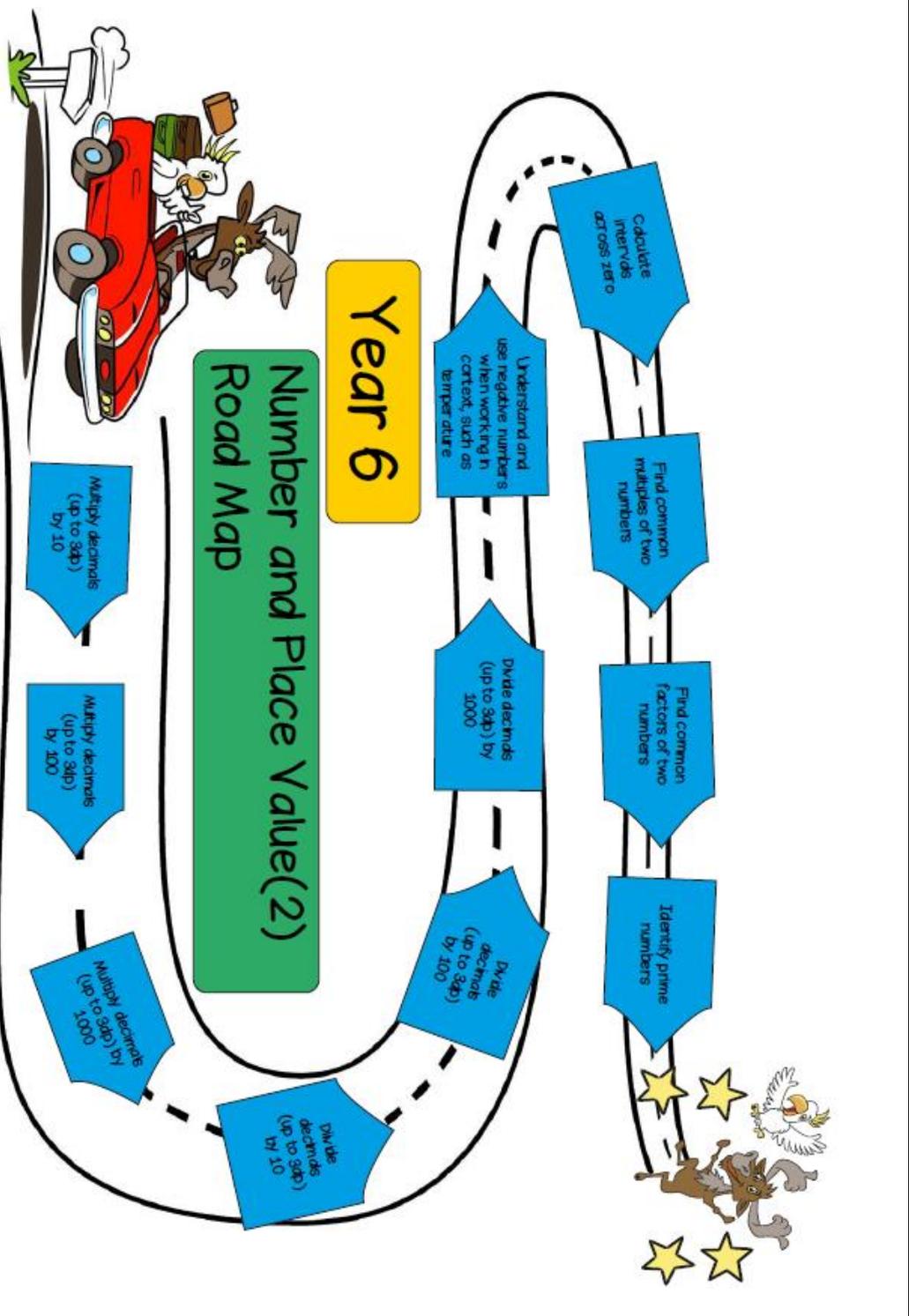
Music: Charanga- listening to and appraising songs. Our inspiring song is 'Happy' by Pharell Williams

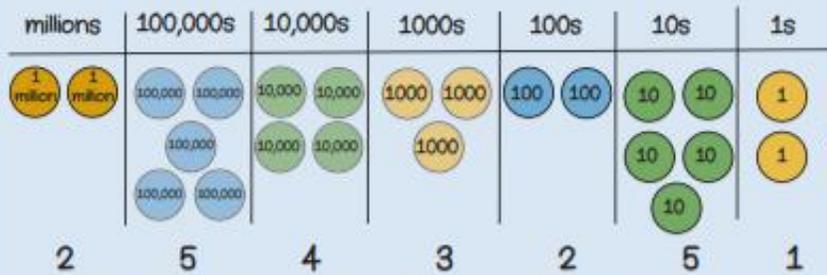
RE: T1: Islam: What is the best way for a Muslims to show commitment to God?

Computing: Coding: investigating a range of coding including Scratch and Purple Mash. **Esafety will be taught every term**

PE- Athletics and Tennis

PE lessons will be on Tuesday & Thursday afternoon all taught by Mrs Draper. Children should come to school wearing their PE kit on these days. Correct PE kit is as follows: black/dark shorts, joggers or leggings; plain white t-shirt; and trainers. Children should wear Shaw jumpers/cardigans over their kit- they are NOT permitted to wear other hoodies over sweatshirts. Earrings will need to be removed or covered with tape supplied from home.





In order from smallest to largest

2,043,241 2,764,406 2,870,540

Stop and look.
What do you notice? 

two million, five hundred and forty-three thousand, two hundred and fifty-two
2 millions, 5 hundred thousands, 4 ten thousands, 3 thousands, 2 hundreds, 5 tens and 2 ones

M	HTh	TTh	Th	100s	10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				1	3	6			
		1	3	6	0	0			
						1	3	6	
						0	1	3	6

Ten times greater

Ten times smaller

Multiplying and dividing by 10, 100 and 1000

136×10
move digits 1 place left

136×1000
move digits 3 places left

$136 \div 10$
move digits 1 place right

$136 \div 100$
move digits 2 places right

millions digit round multiple positive negative

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

A prime number has exactly 2 factors:
2, 3, 5, 7, 11, 13, 17, 19...

1 and 3 are common factors of 15 and 21

15 is a common multiple of 3 and 5

prime common factor multiple multiplier divisor

If I know... then I also know... because...

$0.8 \times 7 = 8 \times 7 \div 10 = 5.6$ $56,000 \div 80 = 700$
 $4.2 \times 5 = 4.2 \times 10 \div 2 = 21$

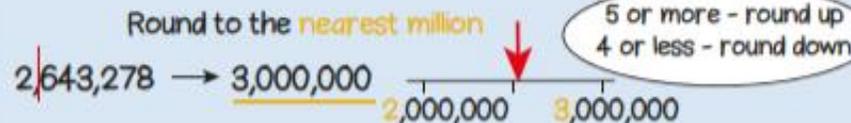
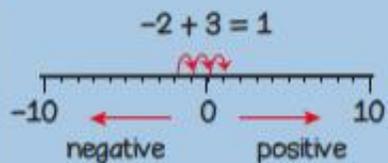
2427
x 38
19416
72810
92226

0139r3
24 | 3339

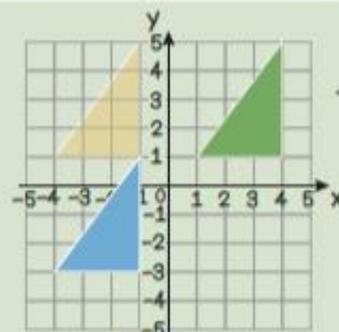
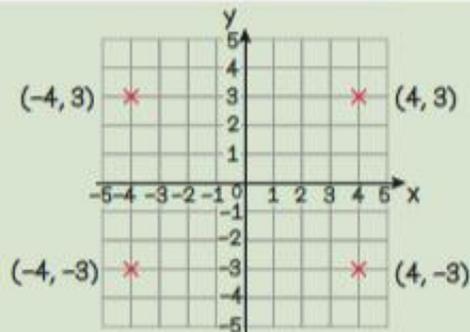
0139.125
24 | 3339.000

1	24
2	48
3	72
4	96
5	120
6	144
8	192
10	240

$3339 \div 24 = 139 \text{ r}3 = 139 \frac{3}{24}$
 $= 139.13$ (to 2dp)



Year 6 Term 1



Translate the triangle 5 squares left and 4 squares down.

object image plot quadrant origin

Reflect the triangle: in the x axis in the y axis

