

Year 5/6

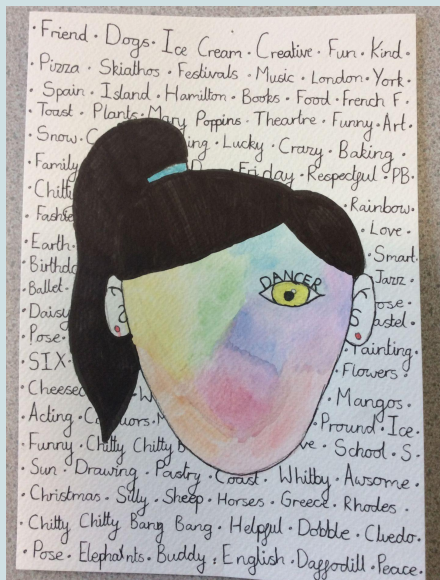
Spring Term 2
2023

Me, Myself and I

We have loved reading Wonder during this topic. We have been exploring the things that make everyone unique!

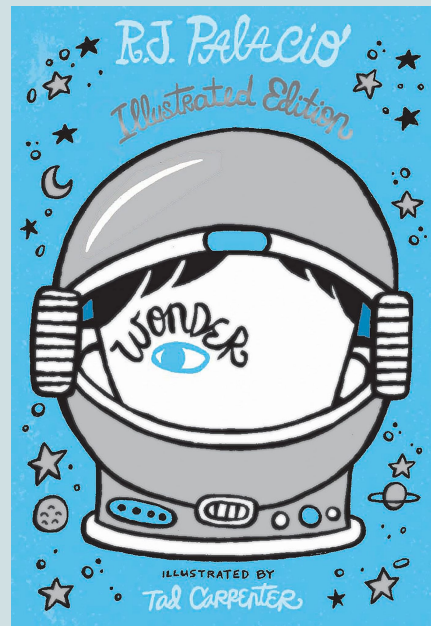
My precept would be...

be who you want to be not what others want to see, because you are amazing just the way you are and if you be yourself you will find your true people.



ONE POSITIVE
THOUGHT CAN
CHANGE YOUR DAY.

YOUR PROBLEMS ARE THE RAIN,
and
you are the rainbow




Maths


Y5 - decimals and percentages

This half term we have extended our new fractions skills into learning about decimals and percentages. We have been able to order, compare and add decimals. We have also worked very hard to convert between fractions, decimals and percentages too.

13/3/23 I can compare decimals

1) 9.28 <input checked="" type="checkbox"/>	9.27	11) 5.18 <input checked="" type="checkbox"/>	5.17
2) 1.59 <input checked="" type="checkbox"/>	0.159	12) 3.48 <input checked="" type="checkbox"/>	0.348
3) 9.56 <input checked="" type="checkbox"/>	0.956	13) 8.43 <input checked="" type="checkbox"/>	8.47
4) 5.85 <input checked="" type="checkbox"/>	5.88	14) 7.12 <input checked="" type="checkbox"/>	0.712
5) 5.73 <input checked="" type="checkbox"/>	5.76	15) 7.52 <input checked="" type="checkbox"/>	7.49
6) 2.87 <input checked="" type="checkbox"/>	0.287	16) 7.07 <input checked="" type="checkbox"/>	0.707
7) 1.68 <input checked="" type="checkbox"/>	0.168	17) 0.15 <input checked="" type="checkbox"/>	0.015
8) 5.74 <input checked="" type="checkbox"/>	5.74	18) 0.21 <input checked="" type="checkbox"/>	0.15
9) 3.68 <input checked="" type="checkbox"/>	3.65	19) 9.89 <input checked="" type="checkbox"/>	9.85
10) 4.14 <input checked="" type="checkbox"/>	4.11	20) 8.4 <input checked="" type="checkbox"/>	8.42

Alex says,
 3.105 is greater than 3.2 because 105 is greater than 2

Dexter is thinking of a number.
 It is a decimal number with 2 decimal places that is greater than 2.47 but less than 2.58
 What possible numbers could Dexter be thinking of?

If you add 2 0s on the end then it is 200 which is bigger than 105 so it is false.

2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57

10.0323

I can recognise decimals as fractions

1) $\frac{2}{100} + \frac{4}{1000}$	24 thousandths
2) $\frac{3}{100} + \frac{3}{1000}$	0.033
3) $\frac{4}{100} + \frac{2}{1000}$	0.042
4) $\frac{5}{100} + \frac{1}{1000}$	0.051
5) $\frac{51}{1000}$	51 thousandths
6) $\frac{0.06}{1000}$	0.06
7) $\frac{0.006}{1000}$	0.006

1) 0.024

2) 3.3 thousandths

3) 0.06 hundredths

4) 0.06 hundredths

5) 0.06 hundredths

6) 0.06 hundredths

7) 0.06 hundredths

8) 0.06 hundredths

Maths

Year 6 have really been working hard this term with all of their final learning before they do their SATs. This has included exploring angles, shape, area, perimeter and volume, ratio and proportion and the aspects of algebra!

I can express and solve missing number problems algebraically.

Exercise 1
Solve the following equations using the Bar Method:

- $3a + 10 = 19$
- $2b + 8 = 12$
- $4c + 3 = 23$
- $5d + 4 = 24$
- $7e + 2 = 37$
- $2f + 20 = 44$
- $6g + 3 = 21$
- $10h + 3 = 33$

Handwritten solutions:

- $3a + 10 = 19$
 $3a = 9$
 $a = 3$
- $2b + 8 = 12$
 $2b = 4$
 $b = 2$
- $4c + 3 = 23$
 $4c = 20$
 $c = 5$
- $5d + 4 = 24$
 $5d = 20$
 $d = 4$
- $7e + 2 = 37$
 $7e = 35$
 $e = 5$
- $2f + 20 = 44$
 $2f = 24$
 $f = 12$
- $6g + 3 = 21$
 $6g = 18$
 $g = 3$
- $10h + 3 = 33$
 $10h = 30$
 $h = 3$

Exercise 2
Solve the following equations using the Bar Method:

- $2a - 3 = 13$
- $3b - 1 = 14$
- $4c - 3 = 23$
- $5d - 4 = 24$
- $7e - 2 = 19$
- $2f - 20 = 44$
- $6g - 3 = 21$
- $10h - 7 = 33$

Handwritten solutions:

- $2a - 3 = 13$
 $2a = 16$
 $a = 8$
- $3b - 1 = 14$
 $3b = 15$
 $b = 5$
- $4c - 3 = 23$
 $4c = 26$
 $c = 6.5$
- $5d - 4 = 24$
 $5d = 28$
 $d = 5.6$
- $7e - 2 = 19$
 $7e = 21$
 $e = 3$
- $2f - 20 = 44$
 $2f = 64$
 $f = 32$
- $6g - 3 = 21$
 $6g = 24$
 $g = 4$
- $10h - 7 = 33$
 $10h = 40$
 $h = 4$

Challenge 1

- $5a + 1 = 2a + 7$
- $7b + 2 = 2b + 17$
- $9c + 5 = 3c + 35$
- $4d + 11 = 2d + 15$
- $8e + 3 = e + 52$
- $6f + 10 = 4f + 4$
- $7g + 100 = 2g + 20$
- $6h + 2 = 3h - 13$
- $9i + 15 = i + 20$
- $3j + 3 = 15 - 3j$

Handwritten solutions for Challenge 1:

- $5a + 1 = 2a + 7$
 $3a = 6$
 $a = 2$
- $7b + 2 = 2b + 17$
 $5b = 15$
 $b = 3$
- $9c + 5 = 3c + 35$
 $6c = 30$
 $c = 5$
- $4d + 11 = 2d + 15$
 $2d = 4$
 $d = 2$
- $8e + 3 = e + 52$
 $7e = 49$
 $e = 7$
- $6f + 10 = 4f + 4$
 $2f = -6$
 $f = -3$
- $7g + 100 = 2g + 20$
 $5g = -80$
 $g = -16$
- $6h + 2 = 3h - 13$
 $3h = -15$
 $h = -5$
- $9i + 15 = i + 20$
 $8i = 5$
 $i = 0.625$
- $3j + 3 = 15 - 3j$
 $6j = 12$
 $j = 2$

Find the n^{th} term rule and use it to work out how many matches are needed for the 50^{th} pattern in these sequences:

- Number of matches: 4, 7, 10

n^{th} term rule: $3n + 1$

Matches in 50^{th} pattern: 151
- Number of matches: 3, 5, 7

n^{th} term rule: $2n + 1$

Matches in 50^{th} pattern: 101
- Number of matches: 3, 5, 7

n^{th} term rule: $2n + 1$

Matches in 50^{th} pattern: 101

Challenge 1:

Look at this sequence of totals:

1, 4, 9, 16, 25, 36, 49, 64, 81, 100

Show that the n^{th} term (total) will be n^2

Find the total of the first ten consecutive numbers. Does the rule apply?

Find the total of the numbers on the 1 to 100 grid.

Handwritten solutions for Challenge 1:

1. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

2. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

3. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

4. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

5. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

6. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

7. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

8. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

9. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$

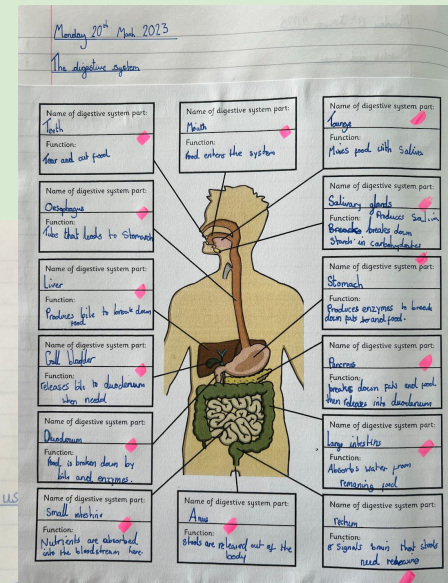
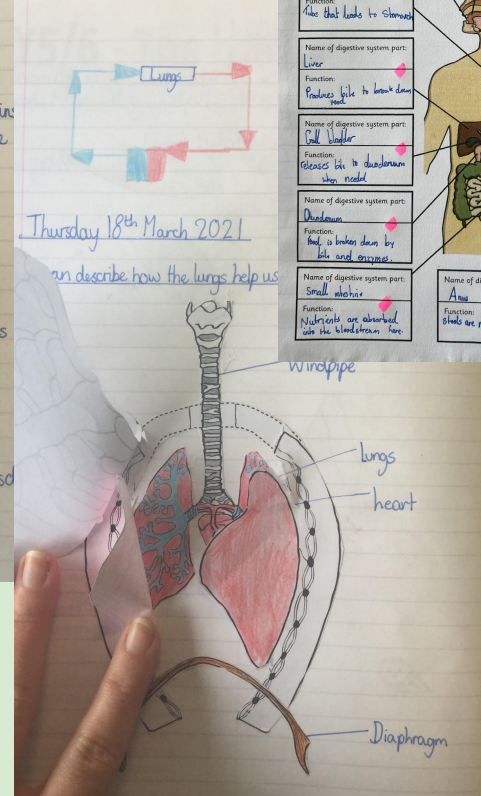
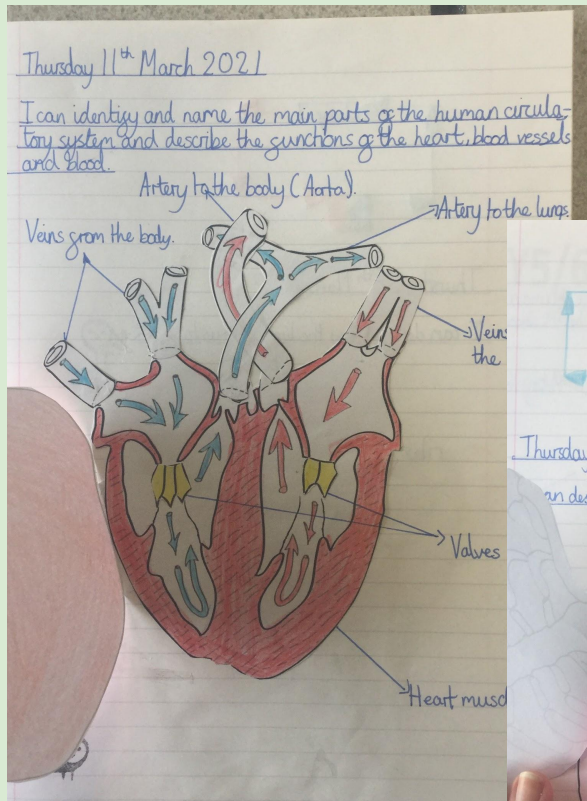
10. $1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55$



Science

The Human Body

Throughout our science lessons we have shown super creativity and concentration whilst making models of the lungs and heart. We have learnt: how our blood becomes oxygenated and flows around our body, what the job of the heart is and how the lungs are an important part of our circulatory system.



RHE

Healthy bodies, healthy minds

Linking to our science and DT topics
this half term, we have been
looking at how to keep our bodies
and our minds healthy now, and in
our old age.



Looking after our mental health

LI: I understand ways we can look after our own mental health and wellbeing.

Feel angry
↓
take deep breaths

Feel angry
look on the brighter side

want to cry
↓
write down how you feel

Positive Mental Health	Mental ill-health
 Setting goals for the future. Enjoying doing things. Having a positive view on life. Coping well with daily challenges. Having good friendships.	 Finding sad most of the time. Having trouble sleeping. Having no interest in things. Finding it hard to make decisions. Trying a lot more than usual. Feeling hopeless and angry. Struggling to concentrate.

Feel sad
↓
talk to a friend

Feel hopeless
↓
Give yourself a pat on the back

When you are angry
take a break from the situation

When you are angry
take a break from the situation

Exercise and a healthy life

LI: I can recognise the impact of exercise on the body functions.

It will help you get on and get stronger.
We should eat a balanced diet because...

It gives you energy.
too much of the same isn't good for you.

Healthy foods I eat are...
blueberries, bananas, strawberries, mango, fruit and vegetables.

Vitamins help our bodies.
It helps us stay healthy and not be overweight.



swimming lessons

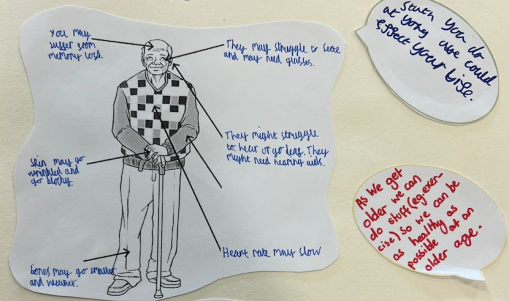
To stay fit I exercise by...
Doing lots of clubs and sport and walk my

walking to school.
playing football and going on regular walks

It makes us feel good.
You are healthy.
It is important to exercise because...
It makes you fit and healthy.

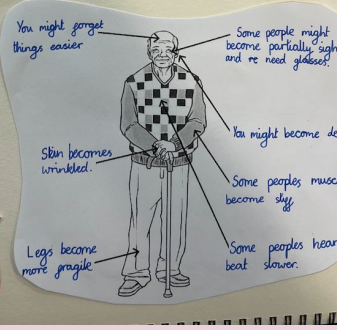
Getting older

LI: I can describe the changes as humans develop to old age.



We change all of the time.

When we get older being ill can be more serious due to a weaker immune system.



PE

Badminton and gymnastics

With Mrs Waind this term, the children in Year 5 and 6 have been developing their net and wall games skills focusing specifically on badminton.

With Mr Sellars, the children have completed various core fitness skills activities and enjoyed a gymnastics session using the hall wall bars, mats and vaults.

Art: Collage

The children have worked hard this term with Mrs Elsegood and Mrs Usher to create a collage of their favourite animal using pieces of torn wallpaper and coloured card. The results have been fantastic.



Music

Ukulele

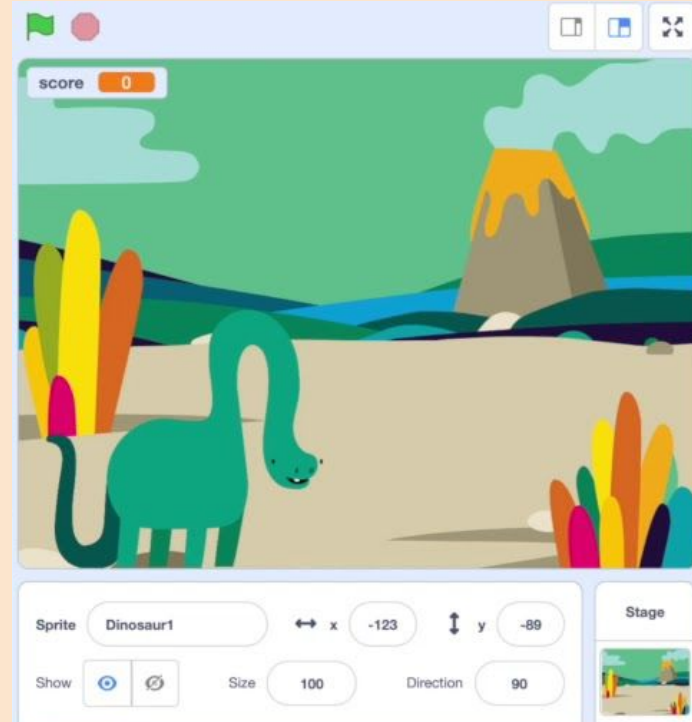
Guided by Miss Mondon (with support from an ex-pupil of St Oswald's), the children have thoroughly enjoyed learning the basic skills of playing a Ukulele. Both the children and staff very much enjoyed playing the tune 'My Dog Has Fleas'.



Computing

Coding a Quiz

Coding has been our focus this half term in Y5/6. We have all had to show lots of perseverance and confidence as we have tackled tricky codes and completed many new challenges. Our challenge was to create a quiz using the various blocks available on the programme 'Scratch'. We learnt about selection, outcomes and variables; applying these principles to our chosen quiz theme.

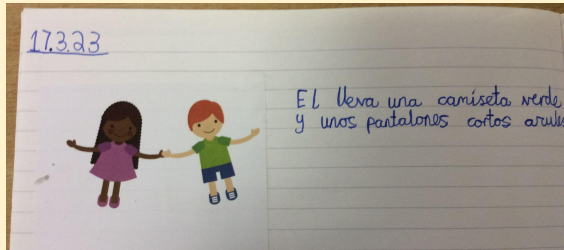
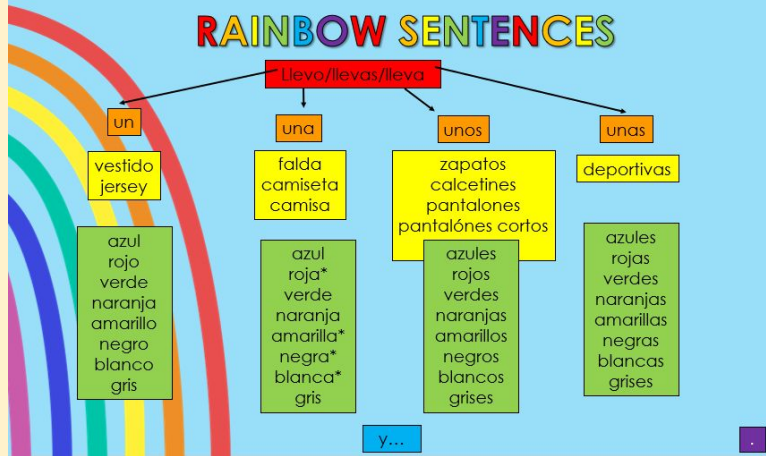


Spanish

La Ropa Clothes

This term we have been learning all about clothes. We have learnt new vocabulary and spent time looking at whether the nouns are masculine or feminine, singular or plural.

We are also beginning to conjugate a verb and use sentence builders to build sentences ready for our fashion show!



Events

Talent Show

St. Oswald's Talent Show was a highlight for many of us this half term. Amongst the children in Y5/6 there was an awful lot of talent! Drama, singing, dancing, magic, sport and so much more were on offer and we loved sharing our skills with the school and our families too.



Welcome to our
Year 5/6 Church
Collective Worship
All about...



Tuesday 21st March 2023



Church Service

This half term we held our own collective worship at St. Oswald's Church where we talked about our value of service. We enjoyed sharing this collective worship with our friends and families - showing off our confidence and creativity in all that we did.

Coming up in Summer 1...

Science:
Changing
Materials

Topic:
The
Royals

PE:
Athletics
+ Tennis

Computing:
Data Collection
and Spreadsheets

Art: Painting
Portraits

RHE:
Changes

RE:
Christianity

School Value:
Trust