Year 4/5

Maths

Homework

Spring 1 2017

This booklet contains all of your Maths homework for this half term. Each week your teacher will talk you through the relevant task for that week. Please complete each task in your homework book. This booklet should remain at home which will ensure it is not lost.

Week 1: Maths homework due in 9th January 2017

Doubles and Halves

BRONZE

(1) Half of 6		(2) Double 4	
(3) Half of 12		(4) Double 8	
(5) ½ of 14		(6) 2 x 11	
(7) ½ of 24		(8) Double 13	

SILVER

Number	½	Double
64		
32		
40		
66		
48		
34		
102		
220		

GOLD

Number	1/2
135	
450	
159	
213	
247	
139	
650	
453	

Week 2: Maths homework due in 16th January 2017

Rounding

BRONZE

Write the tens either side of the number and state the ten it is nearest to.

e.g. 45 40 45 50 nearest to 50

1. 34	2. 65	3.21	4. 67
5. 98	6. 33	7. 21	8. 31

SILVER

Round these numbers to the nearest 100.

1. 416	2. 708	3. 123	4. 39
5. 126	6. 344	7. 165	8. 397
9. 965	10. 346	11. 597	12. 302

GOLD

3) Round the following numbers to the nearest 1000:

a) 7246	b) 3425	c) 2498	d) 9534	e) 9294	f) 7754
g) 1563	h) 2534	i) 6334	j) 8078	k) 9206	l) 7735

Week 3: Maths homework due in 23rd January 2017

Missing numbers

BRONZE

5 + 4 = ☐ + 3 　　3 + ☐ = 6 + 4 　　☐ + 3 = 10 - 5

☐ + 4 = 7 + 1 　　5 + 6 = ☐ + 4 　　7 + ☐ = 10 - 1

6 + ☐ = 10 + 2 　　2 + 6 = 5 + ☐ 　　☐ - 5 = 4 + 1

SILVER

12 + 4 = ☐ + 10 　　13 + ☐ = 16 + 4 　　☐ + 5 = 15 - 5

☐ + 4 = 7 + 7 　　11 + 7 = ☐ + 4 　　17 + ☐ = 10 + 10

6 + ☐ = 15 - 2 　　9 + 6 = 5 + ☐ 　　☐ - 5 = 10 + 5

GOLD

1) ☐ + 23 = 37
2) ☐ - 22 = 38
3) ☐ + 37 = 57
4) ☐ - 135 = 70
5) ☐ + 58 = 108
6) ☐ - 60 = 67
7) ☐ + 39 = 112
8) ☐ - 42 = 57

Week 4: Maths homework due in 30th January 2017

Investigations – you only need to do 1 task this week!

BRONZE

You can buy a cone with three scoops of ice cream. Mr Softee has vanilla, chocolate, strawberry, and mint. How many different ways can you choose your three scoops?
Use a different colour for each flavour.

SILVER

Plant up the pots!

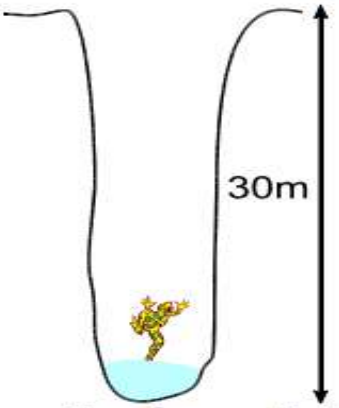
You have 24 seeds. Each seed will produce a flower.

You can use as many pots as you like but you must put the same amount of seeds in each pot.

Draw pictures to show how many pots you could use. How many different ways are there?

GOLD

A frog has fallen into a pit that is 30m deep.



Each day the frog climbs 3m, but falls back 2m at night. How many days does it take for him to escape?

Week 5: Maths homework due in 6th February 2017

Probability

BRONZE

Probability

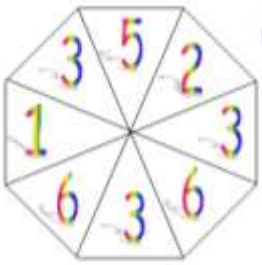
Choose one of these words for each event:

impossible - unlikely - likely - certain

Give reasons for each of your choices.

- **Tomorrow will be Christmas day.**
- **I shall have pizza to eat tonight.**
- **It will be sunny tomorrow.**
- **I will be in school tomorrow.**
- **I shall be in New Zealand tonight.**
- **It will get dark tonight.**
- **I shall be in bed by 10:00pm this evening.**
- **Tomorrow will be my birthday.**
- **I will be in school at 2pm this afternoon.**
- **I will get full marks in my spelling test.**

SILVER



What is the probability of landing on each number on the spinner?

1 = 1/8 (1 chance out of 8 numbers!)

2 =

3 =

5 =

6 =

4 =

What number are you most likely to land on?

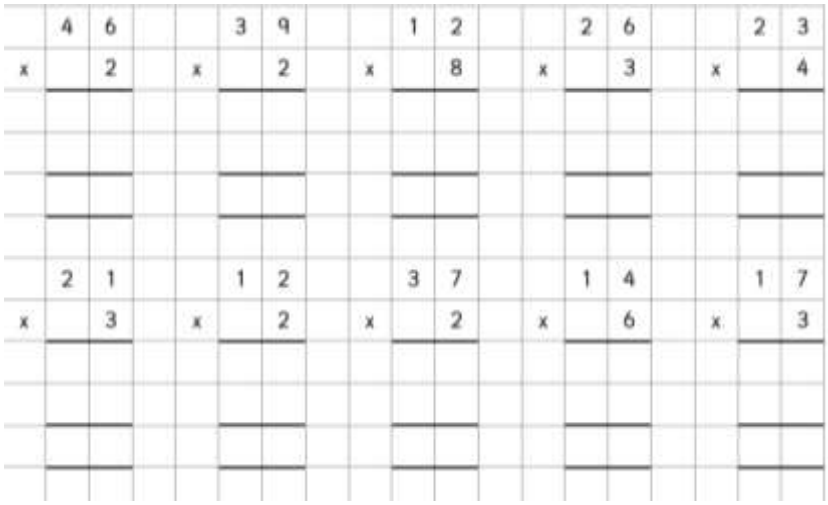
GOLD

Create your own probability investigation. You can think about a spinner, playing cards, dice or anything you like. Come up with some questions for a friend to work out!

Week 6: Maths homework due in 13th February 2017

Written multiplication

BRONZE



SILVER

1. 31 × 3 = ____
2. 27 × 4 = ____
3. 32 × 4 = ____
4. 56 × 5 = ____
5. 54 × 8 = ____
6. 31 × 6 = ____
7. 79 × 5 = ____
8. 42 × 9 = ____
9. 88 × 7 = ____
10. 88 × 4 = ____

GOLD

1. 639 × 3 = ____
2. 545 × 8 = ____
3. 871 × 7 = ____
4. 664 × 4 = ____
5. 827 × 6 = ____
6. 132 × 4 = ____
7. 591 × 6 = ____
8. 206 × 9 = ____