

Year 5 Homework: Wednesday 23rd November

Due in: Monday 30th November

Spellings:

| | |
|------------|-------------|
| accompany | environment |
| bargain | guarantee |
| appreciate | recognise |
| definite | |

Maths

1. What are the odd factors of 24?
2. List the prime numbers up to 20.
3. Is 25 a prime number? Explain how you know.
4. Tim is thinking of a square number with 2 digits. The digits add together to make another square number. What could the number be?



OPTIONAL Dive Deeper:

I am thinking of two 2-digit numbers.

Both of the numbers have a digit total of six.

Their common factors are:

1, 2, 3, 4, 6, and 12

What are the numbers?

Science - Forces Experiment *equipment needed: balloon, straw, string, peg, sticky tape or elastic band, tape measure.*

Have a go at the 'Balloon Rocket Investigation' (see blog). You only need to carry out **page 2** of this experiment.

- Have a go 'flying' your rocket 3 times. Measure and record your distance each time.
- Can you work out the average distance travelled over the 3 attempts?
- Maybe you could email me a picture of you doing this experiment?

We will compare distances in class next week.

If you want to do this activity but do not have all of the resources to do so, please see me.

If it's not possible to do this experiment at home, have a go at the forces quiz on this BBC website instead: <https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxw6gdm>