This maths activity is for you to do at home, you do not have to submit anything on google classroom.

Biscuit stack

Stack biscuits to see which numbers are prime (only divisible by themselves and 1)! Explore the numbers from 2-30.

When considering whether a number is prime or not, build its biscuit tower. See if you can divide the biscuits into an equal number of biscuits other than itself (the full stack) and 1 (equal piles of 1 biscuit) e.g. stacks of 2, 3, 4 5 etc...

If you can, then you will learn that the number is not prime; if you cannot, you will learn that the number is prime. Above, 6 divides by 3 so it is not prime.

Let's do this!

Make stacks of prime numbers up to 30.

Which number between 2 and 30 can you prove is prime in the most ways? Why?

Challenge

Explore whether two or more prime numbers can add together to make another prime number.