Parent Guide

How can I use this with my children?

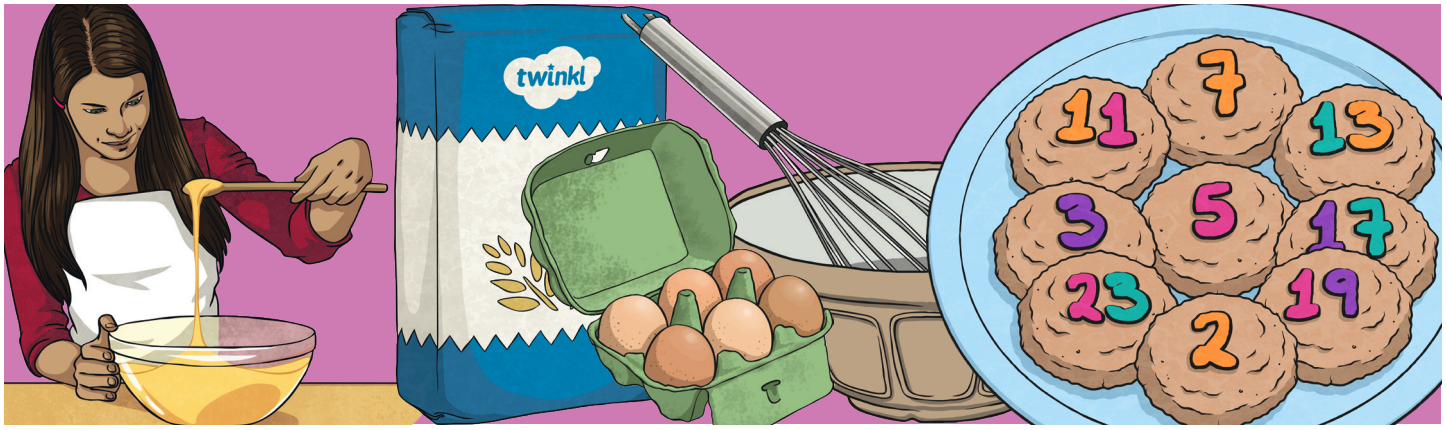
Help your child learn prime numbers by baking prime number, math-elicious cookies together.

How does this help my children's learning?

As you and your child bake together, they can practise a range of skills, such as weighing, measuring and reading instructions. With some clever decorating, these cookies are also a great way to reinforce your child's understanding of prime numbers.

Ideas for further learning:

Test your child on their knowledge of prime numbers by saying a number and asking them to state if it is a prime number or not. Ask them to prove that it is or isn't prime.



Prime Number Toffee Cookies

Ingredients

100g plain flour

90g rolled oats

½ tsp baking soda

pinch of salt

60g softened butter

200g brown sugar

1 tsp vanilla extract

1 large egg

60g toffee bits

cooking oil spray

icing sugar and piping bag (or shop-bought icing tubes)

Equipment

2 large mixing bowls

mixer

2 baking sheets

Method

1. Preheat the oven to 180°C.
2. Mix the flour, oats, baking soda and salt in a bowl.
3. In a separate bowl, beat together the butter and sugar with a mixer until it is thoroughly mixed.
4. Add the vanilla and egg and beat well.
5. Add the flour mixture and beat until combined. Stir in the toffee bits.
6. Lightly spray cooking oil onto the baking sheets and spoon the dough into balls, about 5cm apart.
7. Bake for 11 minutes (or until lightly browned).
8. Leave to cool. While the cookies are cooling, you could investigate prime numbers with your child. A prime number is a number that is only divisible by 1 and itself, for example 2.
9. Make the icing according the instructions and add to the piping bag. Use the piping bag (or icing tubes) to add a different prime number to each cookie.

Tip: Practise reading through the prime numbers once all the cookies have been decorated. Ask your child to close their eyes and say as many prime numbers that they can remember before they get to eat a cookie.

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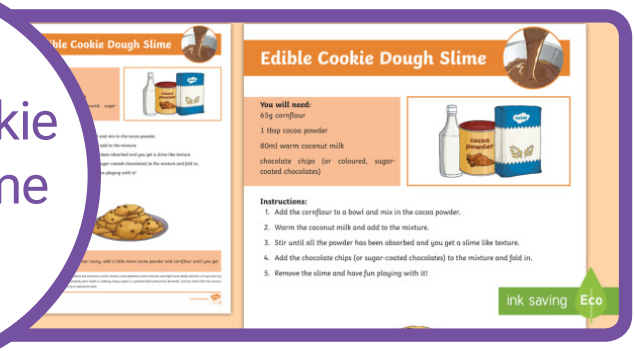
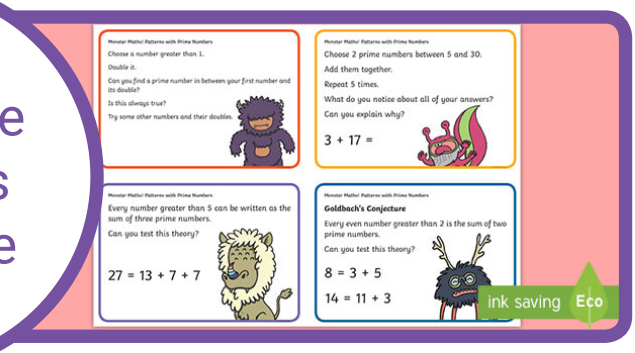
Edible Cookie Dough Slime Recipe

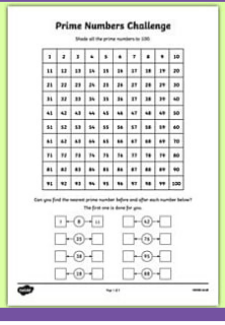


Lemon Drizzle Cake Recipe Sheet

Patterns with Prime Numbers Challenge Cards



Prime Numbers Challenge



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