

## 100 pieces of plastic

### Key Stage 1

#### NC references

##### Maths

- Write numbers to 100
- Know number facts to 20 (+ related to 100)

##### Science

- Identify and name common materials (plastic)

#### Learning objectives

Care for the environment by picking up plastic litter

Understand plastic pollution and try to reduce plastic pollution

Develop understanding of number bonds to 10 and 100

#### Teaching ideas

Set children the challenge of collecting 100 pieces of plastic litter together.

Record each piece of litter collected and consider how best to dispose of it (can it be recycled?).

Keep looking at the total litter collected:

How many to get to the next?

How many to get to 100?

Develop the understanding of number bonds to 100 by recording the total and amount to be collected as number sentences, including missing number problems

e.g.  $34 + \underline{\quad} = 100$ ,

$100 = 55 + \underline{\quad}$

#### Resources

100 Pieces of Plastic recording sheet

#### Next steps

Identify other materials found when picking up litter

Map where the litter has been found