Finding

Each of the children in the group finds 2 things. What might the length of their 2 objects be in total?

- 3cm
- 5cm
- 2cm
- 4cm
- 1cm

Chopping

Each child cuts 3cm off their sticks. How long is each stick now?

- 10cm
- 9cm
- 8cm
- 7cm
Growing

The children’s plants have grown 4cm since they measured them.
Can you work out their new heights?

Hiding

Play with a partner.
Cut out each of the objects. Take it in turns to hide some. Can your partner tell you how many are hidden? Can you write a number sentence?
1. Finding

1 cm + 2 cm = 3 cm
1 cm + 3 cm = 4 cm
1 cm + 4 cm = 5 cm
2 cm + 3 cm = 5 cm
2 cm + 4 cm = 6 cm
2 cm + 5 cm = 7 cm
3 cm + 4 cm = 7 cm
3 cm + 5 cm = 8 cm
4 cm + 5 cm = 9 cm

If you allow the children to use the same object twice:
1 cm + 1 cm = 2 cm
2 cm + 2 cm = 4 cm
3 cm + 3 cm = 6 cm
4 cm + 4 cm = 8 cm
5 cm + 5 cm = 10 cm

2. Chopping

10 cm – 3 cm = 7 cm
9 cm – 3 cm = 6 cm
8 cm – 3 cm = 5 cm
7 cm – 3 cm = 4 cm

3. Growing

5 cm + 4 cm = 9 cm
6 cm + 4 cm = 10 cm
7 cm + 4 cm = 11 cm
8 cm + 4 cm = 12 cm
Finding

Each of the children in the group finds 2 things. What might the length of their 2 objects be in total?

- 6cm
- 5cm
- 10cm
- 4cm
- 1cm

Chopping

Each child cuts 3cm off their sticks. How long is each stick now?

- 10cm
- 12cm
- 7cm
- 17cm
The children’s plants have grown 4cm since they measured them.

Can you work out their new heights?

Play with a partner.

Cut out each of the objects. Take it in turns to hide some. Can your partner tell you how many are hidden? Can you write a number sentence?
1. Finding
   1cm + 4cm = 5cm
   1cm + 5cm = 6cm
   1cm + 6cm = 7cm
   1cm + 10cm = 11cm
   4cm + 5cm = 9cm
   4cm + 6cm = 10cm
   4cm + 10cm = 14cm
   5cm + 6cm = 11cm
   5cm + 10cm = 15cm
   6cm + 10cm = 16cm

   If you allow the children to use the same object twice:
   1cm + 1cm = 2cm
   4cm + 4cm = 8cm
   5cm + 5cm = 10cm
   6cm + 6cm = 12cm
   10cm + 10cm = 20cm

2. Chopping
   10cm – 3cm = 7cm
   12cm – 3cm = 9cm
   7cm – 3cm = 4cm
   17cm – 3cm = 14cm

3. Growing
   9cm + 4cm = 13cm
   12cm + 4cm = 16cm
   13cm + 4cm = 17cm
   8cm + 4cm = 12cm
Aisha says when she lines up the things she found, the line is exactly 20cm long.

What might she have found?

Finding

- 6cm
- 4cm
- 5cm
- 10cm
- 1cm
- 2cm
- 3cm
- 9cm

Chopping

Each child cuts 5cm off their sticks.

How long is each stick now?

- 12cm
- 14cm
- 16cm
- 18cm
Growing

The children’s plants have grown since they measured them. Can you work out how much each plant has grown?

- Was 8cm, now 14cm
- Was 9cm, now 12cm
- Was 10cm, now 10cm
- Was 13cm, now 15cm

Hiding

Play with a partner.

Cut out each of the objects. Take it in turns to hide some. Can your partner tell you how many are hidden? Can you write a number sentence?
1. Finding
   Feather, grass, acorn.
   Feather, bark, flower.
   Feather, moss, flower, acorn.
   Feather, moss, stone, leaf.
   Grass, bark, moss.
   Grass, moss, flower, stone.
   There are many more
   possibilities if you allow
   the children to use more
   than one of each object.

2. Chopping
   12cm – 5cm = 7cm
   14cm – 5cm = 9cm
   16cm – 5cm = 11cm
   18cm – 5cm = 13cm

3. Growing
   9cm + 3cm = 12cm
   13cm + 2cm = 15cm
   8cm + 6cm = 14cm
   10cm + 0cm = 10cm
   The children might record
   these in different ways.