



## How do bees see?

Did you know that bumblebees have five eyes?

They have two large eyes on the front of their heads, shown by the arrows on the photo, and three smaller eyes on top, shown in the circle.

This means that bumblebees see the world in a very different way to people. Many flowers that look like they only have a single colour to us often have extra colours near the centre of the flower. These extra colours show the bumblebee where the food can be found inside the flower.

This helps the bee because it finds food, and helps the flower because it helps more flowers to grow.



What we see



What a bumblebee sees

## Help the bumblebee reach the flower

Which path should the bumblebee choose to get to the flower?





## Make your own fuzzy felt picture?

### What you will need:

- A large rectangle of green felt (for the background)
- Smaller pieces of felt in different colours (for the bees and flowers)
- The fuzzy felt templates (see next page)
- Glue
- Stiff cardboard, like a cereal box
- A pen or pencil
- An adult to help you cut out the shapes

### Instructions:

1. Stick the fuzzy felt template page to the cardboard with the glue and let it dry.
2. Get an adult to help you to cut out the template shapes with scissors.
3. Use the pen or pencil to draw around the templates onto the coloured felt. Draw as many flowers in different colours as you like. Then get an adult to help you cut out the felt shapes. You could even create your own fuzzy felt shapes too.
4. Use the green rectangle of felt as your background and create your own bumblebee felt picture full of flowers and happy bumblebees.

We've made an example picture to give you some ideas.

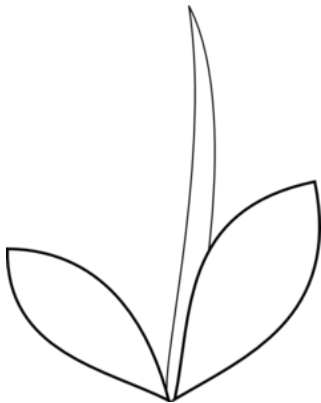
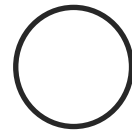
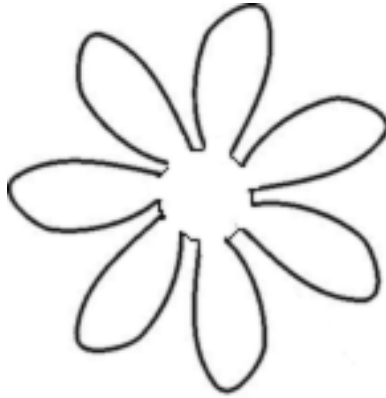
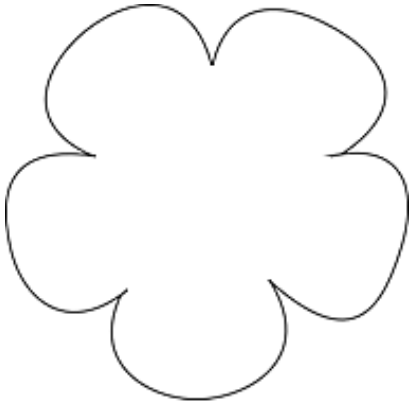


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## Fuzzy felt templates



Cut the flower heads out in one colour and the centre of the flower (the circle) out in a different colour.

Use a different shade of green for the stem than the background.



Cut the bumblebee outline out in black felt, the body in yellow felt and the stripe in black felt. Use white felt for the eye and use a pen to make a dot in the middle.



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