

Power of Flowers

Mystery 1: Why do plants grow flowers?

Name: _____

Date: _____

End of Mystery Assessment

ANSWER KEY

1. How do bees help flowers make seeds?

LESS sophisticated response:

Bees move pollen from flower to flower.

MORE sophisticated response:

When a bee brushes against a flower's pollen dusters, some pollen sticks to the bee's body. Some of that pollen will stick to the stigma of the next flower.

2. If you take a flower's pollen and then put it on that same flower's stigma, will that make a seed pod grow? Why or why not?

LESS sophisticated response:

That will not make a seed pod grow because the pollen has to come from somewhere else.

MORE sophisticated response:

That will not make a seed pod grow, because a flower can't pollinate itself. The pollen has to come from a different flower.

3. Why do bees like crawling into flowers?

LESS sophisticated response:

Bees like nectar.

MORE sophisticated response:

Bees like crawling into flowers because inside the flower, the plant makes a sugary drink called nectar.