

# Task: Blackberry



Approach: One to one

Year: 4 & 8

Focus: Form and function

Resources: Picture

## Questions / instructions:

Show picture.

Point to plant parts as each question is asked.

Here is a picture of a blackberry plant.

Each part of the plant has a job.

I'm going to ask you about the parts of the plant.



1. How does the stem help the plant stay alive?

supports/holds up plant

carries water

carries nutrients/food

2. How do the leaves help the plant to stay alive?

help plant "breathe"

make food

**Photosynthesis:** mentioned & explained

mentioned

3. How do the thorns help the plant stay alive?

protection

4. Why does the plant have flowers?

**Pollination:** attract insects to pollinate

attract insects

5. Why does the plant have fruit?

fruit includes seeds

seeds from fruit grow into new plants

form of seed leads to dispersion by animals and birds

**Total score:**

5-10

3-4

1-2

0

% responses

y4

y8

30

32

43

51

8

25

7

10

4

9

1

2

1

5

69

86

5

19

4

5

5

14

4

11

1

6

3

19

22

36

62

41

13

4

## Commentary:

About 30 percent more year 8 than year 4 students scored higher than 2, showing some understanding of the relationship between form and function for blackberry plants.