



New plants from old

Worksheet 7 - How does this work with the 'Robyn Gordon' grevilleia?

You have looked at the theory of gene inheritance as discovered by the scientist Gregor Mendel.

Try this example for yourself with flowers.

Here is a popular Australian plant: Grevillea 'Robyn Gordon'. It is a native Australian plant that produces a pretty flower for almost all the year.



1. Why do you think people would want to buy such a plant?

It was created by cross-breeding two other Grevilleas.



Read the descriptions and work out what the main differences are between 'Robyn Gordon' and its 'parents'.



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<i>Grevillea banksii</i>	<i>Grevillea bipinnatifida</i>	<i>Grevillea 'Robyn Gordon'</i>
<ul style="list-style-type: none"> Tall, slender or spreading shrub Up to 7 metres high Red or creamy white flowers Flowers mainly June-November 	<ul style="list-style-type: none"> Spreading shrub Up to 1metre high Red or orange flowers Flowers between March and January 	<ul style="list-style-type: none"> Shrub Up to 2 metres high and 3 metres wide Bright green foliage Red flowers all year Rapid growing Tolerates full sun Drought tolerant Bird attracting

2. Why do you think the new plant was popular with people?

The people who did this were able to claim ownership of the new plant they created. Look at the information on Plant Breeder's Rights on the next page and answer the questions.