

GIANT PUMPKIN LEARNING RESOURCE

Ekka

Presented by **RACQ**

ROYAL QUEENSLAND SHOW

AUGUST 6-15

Year 1

Content descriptors – Science

Biological Sciences: Living things have a variety of external features <ul style="list-style-type: none">■ identifying common features of plants such as leaves and roots■ describing the use of plant parts for particular purposes such as making food and obtaining water	ACSSU017
Nature and development of science: Science involves observing, asking questions about, and describing changes in, objects and events <ul style="list-style-type: none">■ recognising that descriptions of what we observe are used by people to help identify change	ACSHE021

Content descriptors – Geography

The weather and seasons of places and the ways in which different cultural groups, including Aboriginal and Torres Strait Islander Peoples, describe them <ul style="list-style-type: none">■ describing the daily and seasonal weather of their place by its rainfall, temperature, sunshine and wind, and comparing it with the weather of other places that they know or are aware of.	ACHASSK032
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Learning outcomes:

The Giant Pumpkin Competition teaches students how to take care for and grow their own food by growing pumpkins.

Students will be able to:

- Identify the main features of the pumpkin and describe their use
- Identify changes in the plant throughout its growth
- Track weather patterns in the environment in which their plant is growing.

Competition materials:

- Competitors will be provided with pumpkin seeds to be used

Learning materials:

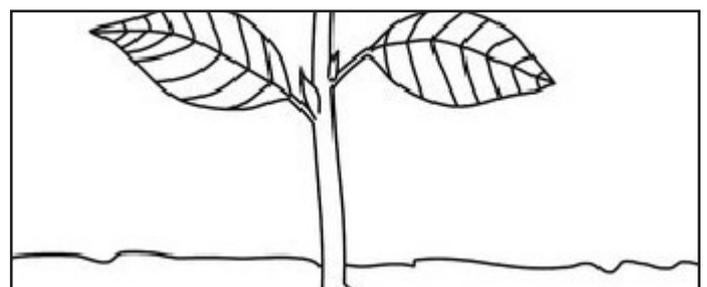
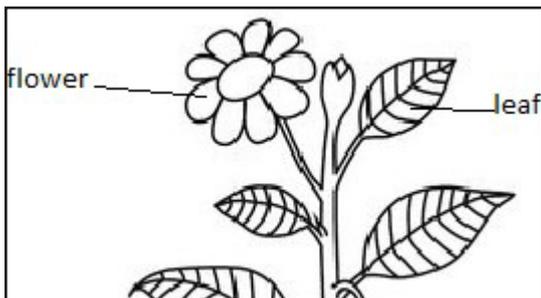
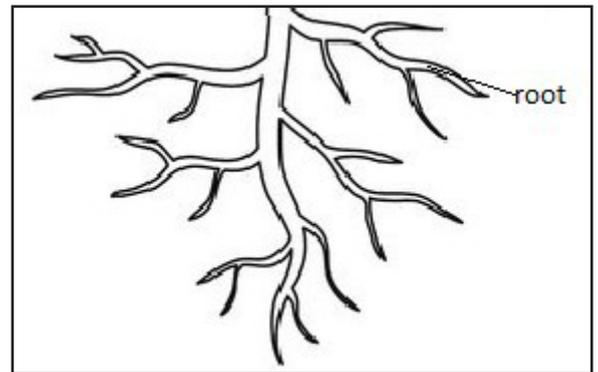
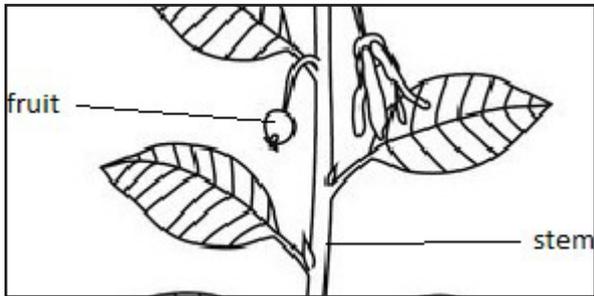
Teachers will have access to learning materials to assist with enriching the learning process.

For more information please contact the education coordinator at education@na.org.au

Giant Pumpkin Plant Features

Plants have different features

Cut out the puzzle pieces below to create a plant



Giant Pumpkin Plant Features

Plants have different features

Paste your plant features here

What are the features your plant has?

- 1.
- 2.
- 3.
- 4.
- 5.

Match the plant part with its function:

fruit

collect food

stem

**spreading
seeds**

root

**move water
and food**

leaf

collecting water

flower

reproduction

Giant Pumpkin Plant Growth

Draw and describe your plant at different stages



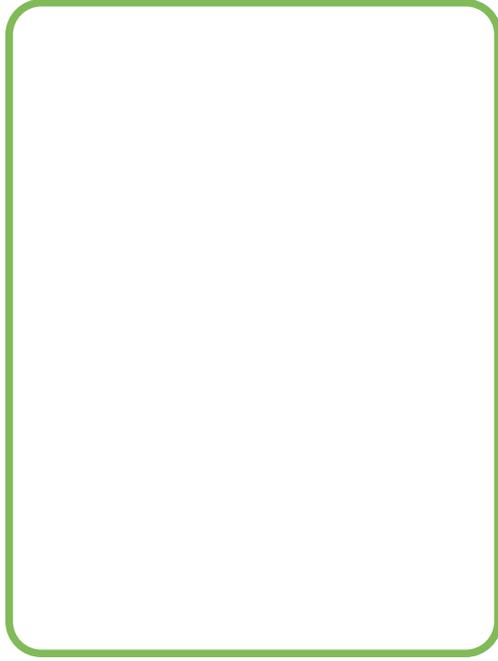
Week 1



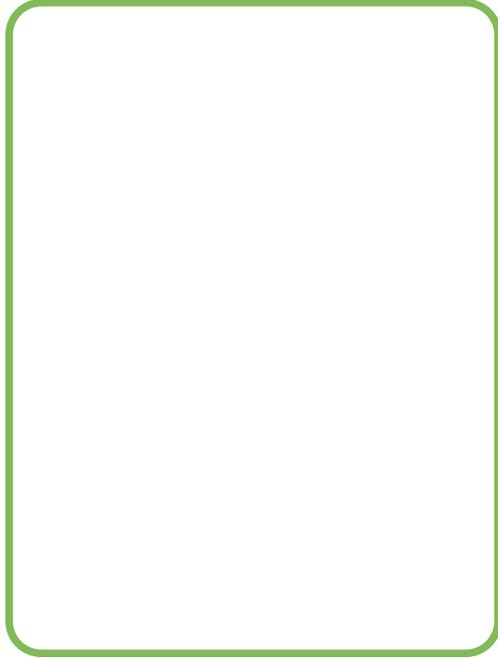
Week 2



Week 3



Week 4



Week 5



Week 6

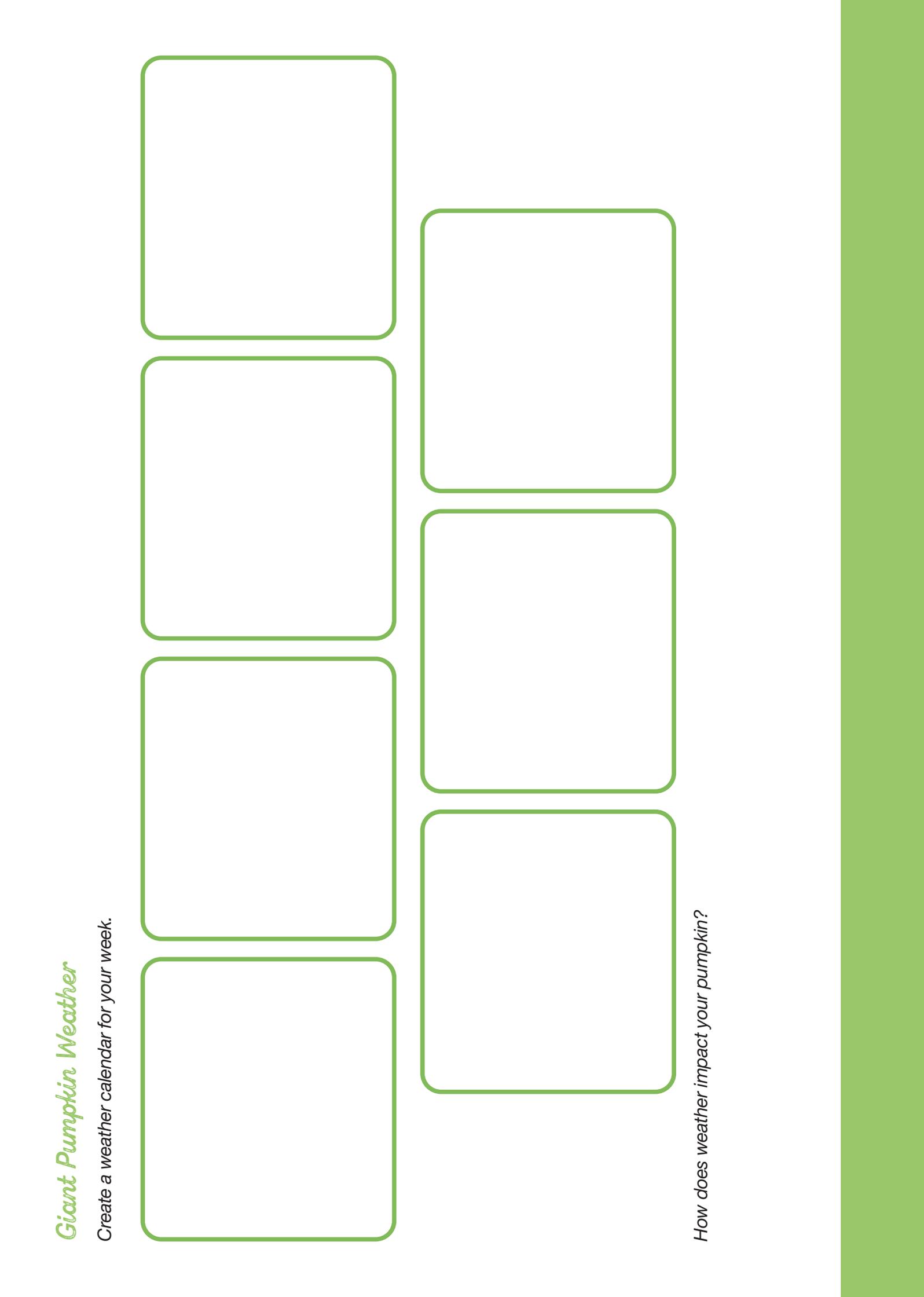
Giant Pumpkin Weather

Create a weather calendar for your week.

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How does weather impact your pumpkin?



Giant Pumpkin Growing Guide.

Germination: 4-6 days

Harvest: 14-20 weeks

Climate: plant into warm soil

Soil: rich soil

Sunlight: partial sun

Spacing: 2m gap

Water: regularly to keep soil damp

To prevent rotting, raise young fruit off the ground



*Watch out for powdery mildew!
Treat with fungicide*

Fertilising is important:

- phosphorous will promote root growth
- Nitrogen will support plant growth
- Potassium will help with fruit growth

Make sure you thin the fruit so the plant can focus its energy on growing one pumpkin