



A7 Crop and family games



These games use a selection of crop cards to introduce organic gardening ideas. They help to explore the diversity of crops and harvesting season, together with vegetable, fruit and herb family groups as the basis of crop rotation (where crops are grown on a different part of the plot each year).

Resources

- Printed copies of following
 - Vegetable, fruit, and herb crop cards with (1) photos only, (2) names only, and (3) photos with names
 - A4 cards with seasons and crop family headings
- Notes with background information about crop families and introduction to crop rotation
- Scissors or guillotine/trimmer
- Laminate (optional)

Activity

- 1 Cut out sets of cards (enough for the class size). Laminate if required. Shuffle.
- 2 Follow instructions for the three suggested games.
 - a Pupils match each crop card (with photo only) to their corresponding name card. Discuss whether they have eaten this crop and whether they like it. Perhaps you could vote for the favourite one!
 - b Using the A4 cards with season headings, pupils match each crop photo card (with or without name) to the correct season for harvest. Try also putting crop cards into the correct season for planting
 - c Using the A4 cards with crop family headings on the wall or floor, give each pupil a photo card (with or without names). Ask them to put themselves physically into the correct crop family **BEFORE** being given any background information. Then give pupils background information about crop families.

Extended activities

- 1 Use the cards to help the children organise a planting plan/crop rotation (see Silver and Gold booklet)
- 2 Choose three or more crops and research their origins and heritage.

Health & Safety	Younger children will require adult help if using scissors. <i>See also Health and Safety Guidelines (Section B3.3)</i>
Further information	Silver and Gold booklet Food Growing Instruction Cards

Background information about crop families

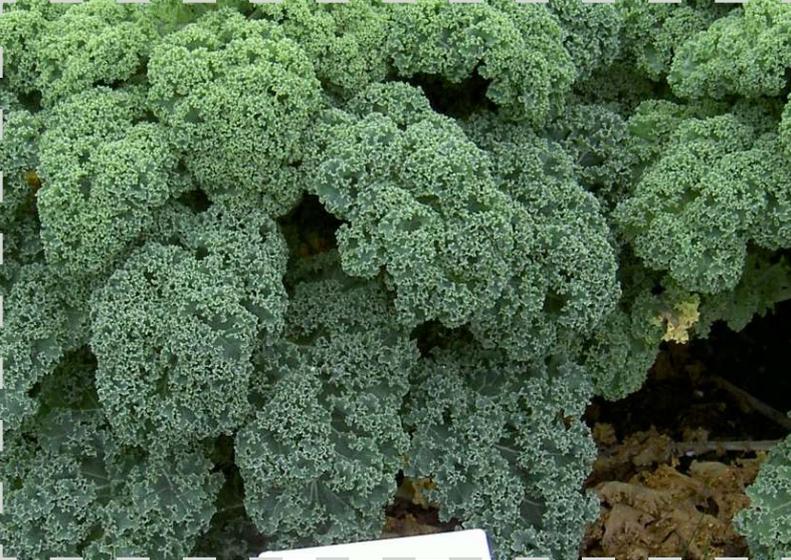
Knowing which crops belong to each plant family helps plan crop rotation - a growing system where crops are grown on different parts of a plot. Most vegetables are moved every year (minimum three-four year cycle); longer term for some herbs and fruit crops. This helps prevent the build up of soil-borne pests and diseases and plant nutrient deficiencies. See also Silver and Gold booklet.

<p>Cabbage family (<i>Brassicaceae</i>)</p> <ul style="list-style-type: none"> Brussels sprout Cabbage Calabrese Cauliflower Cress Kale Kohl rabi Pak choi Radish Rocket Sprouting broccoli Swede Turnip 	<p>Pea and bean family (<i>Papilionaceae, was Leguminasae</i>)</p> <ul style="list-style-type: none"> Asparagus pea Broad bean French bean Pea Runner bean <p>Onion family (<i>Alliaceae</i>)</p> <ul style="list-style-type: none"> Garlic Leek Onion Shallot Salad onion
<p>Beet family (<i>Chenopodiaceae</i>)</p> <ul style="list-style-type: none"> Beetroot Leaf beet (Chard) Spinach 	<p>Potato Family (<i>Solanaceae</i>)</p> <ul style="list-style-type: none"> Aubergine Pepper (including chillies) Potato Tomato
<p>Cucumber Family (<i>Cucurbitaceae</i>)</p> <ul style="list-style-type: none"> Courgette Cucumber Marrow Melon Pumpkin Winter squash 	<p>Lettuce Family (<i>Asteraceae, was Compositae</i>)</p> <ul style="list-style-type: none"> Chicory Globe artichoke Jerusalem artichoke Lettuce Salsify
<p>Carrot Family (<i>Apiaceae, was Umbelliferae</i>)</p> <ul style="list-style-type: none"> Carrot Celery Coriander Fennel Parsley Parsnip 	<p>Rose family (<i>Rosaceae</i>)</p> <ul style="list-style-type: none"> Blackberry Raspberry Strawberry <p>Others (miscellaneous families)</p> <ul style="list-style-type: none"> Basil Blackcurrant Gooseberry Redcurrant Sorrel Sweetcorn















Asparagus pea

Blackberry

Aubergine

Blackcurrant

Basil

Broad bean

Beetroot

Brussels sprout

Cabbage

Celery

Calabrese

Chicory

Carrot

Coriander

Cauliflower

Courgette

Cress

Garlic

Cucumber

**Globe
artichoke**

Fennel

Gooseberry

French bean

**Jerusalem
artichoke**

Kale

Lettuce

Kohl rabi

Marrow

**Leaf beet
(Chard)**

Melon

Leek

Onion

Pak choi

Pepper

Parsley

Potato

Parsnip

Pumpkin

Pea

Radish

Raspberry

Salad onion

Redcurrant

Salsify

Rocket

Shallot

Runner bean

Sorrel

Spinach

Sweetcorn

**Sprouting
broccoli**

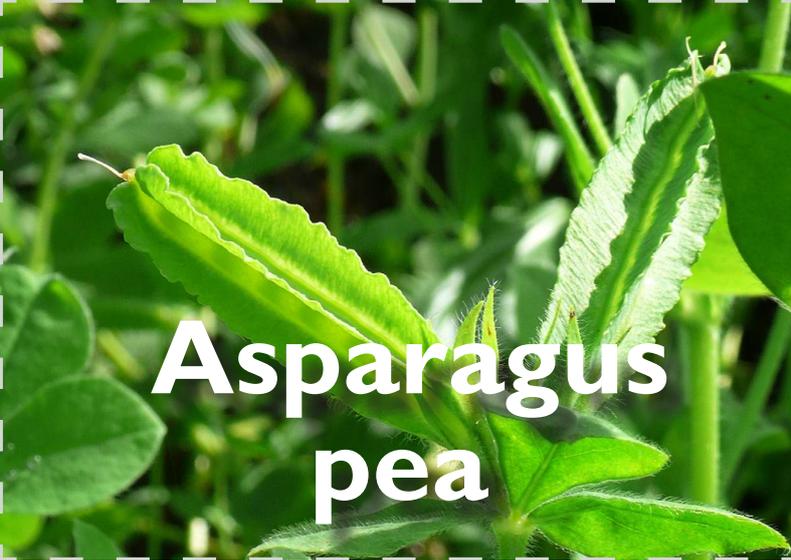
Tomato

Strawberry

Turnip

Swede

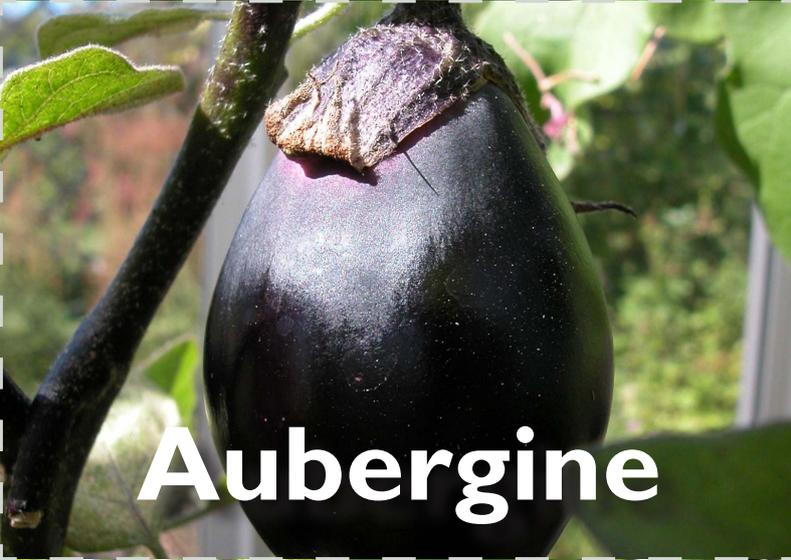
Winter squash



**Asparagus
pea**



Blackberry



Aubergine



Blackcurrant



Basil



Broad bean



Beetroot



**Brussels
sprout**



Cabbage



Celery



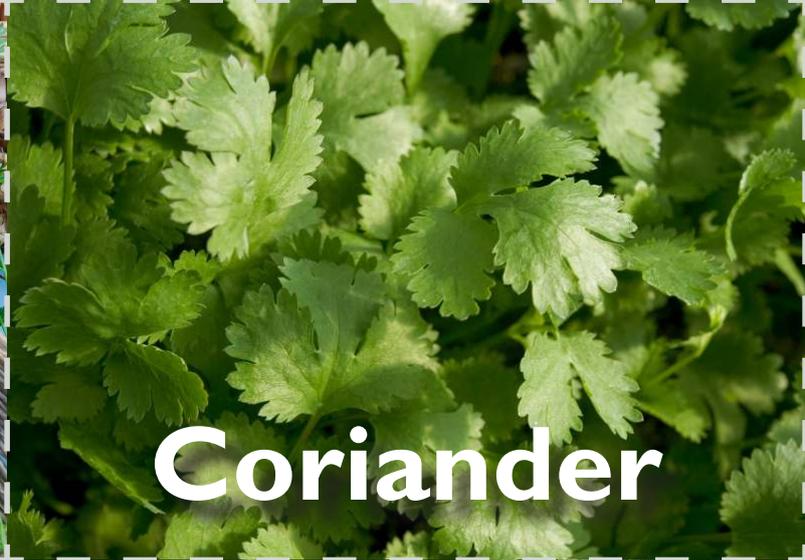
Calabrese



Chicory



Carrot



Coriander



Cauliflower



Courgette



Cress



Garlic



Cucumber



**Globe
artichoke**



Fennel



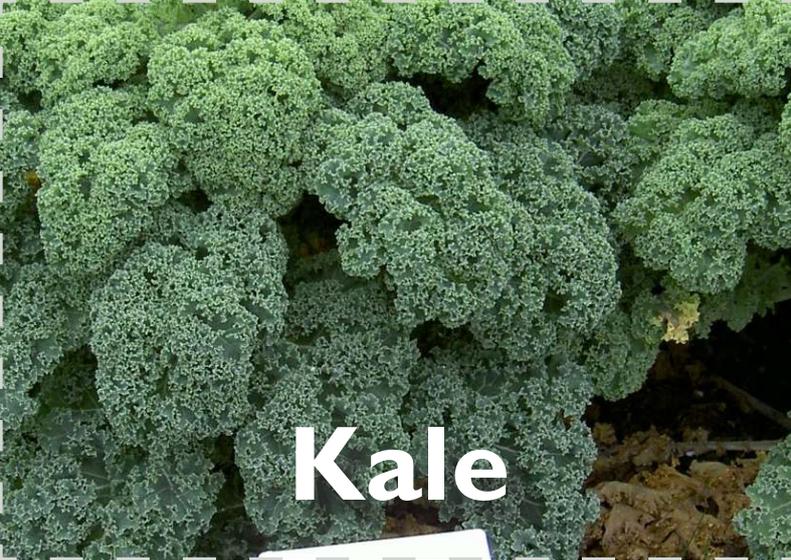
Gooseberry



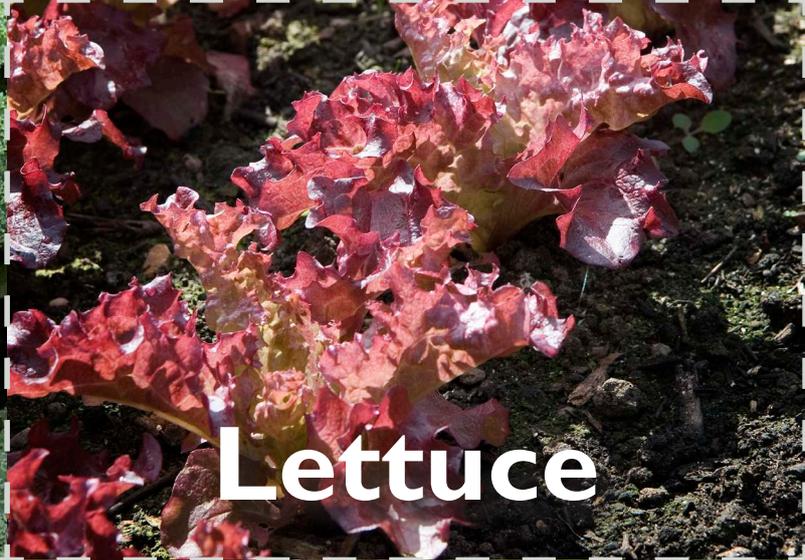
French bean



**Jerusalem
artichoke**



Kale



Lettuce



Kohl rabi



Marrow



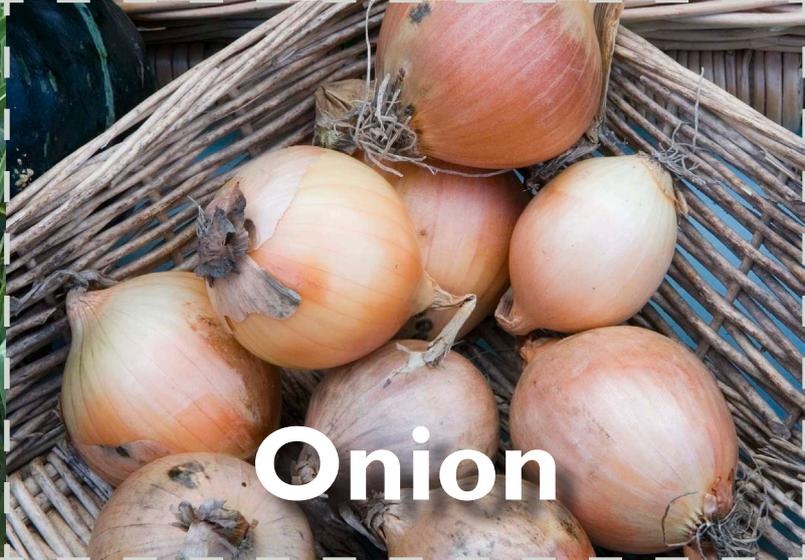
**Leaf beet
(Chard)**



Melon



Leek



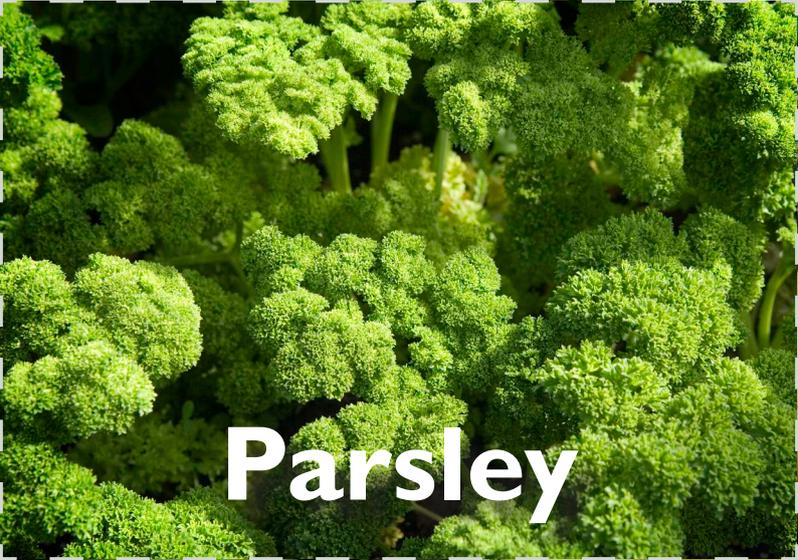
Onion



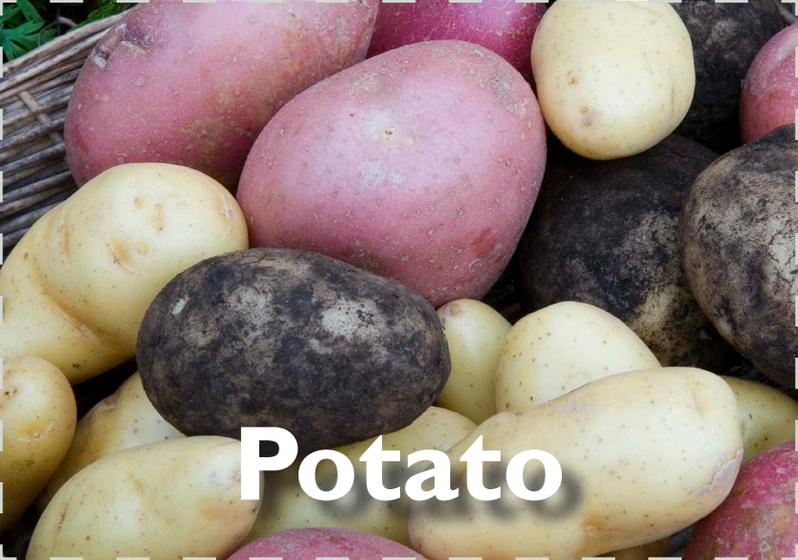
Pak choy



Pepper



Parsley



Potato



Parsnip



Pumpkin



Pea



Radish



Raspberry



Salad onion



Redcurrant



Salsify



Rocket



Shallot



Runner bean



Sorrel



Spinach



Sweetcorn



**Sprouting
broccoli**



Tomato



Strawberry



Turnip



Swede



**Winter
squash**

Cabbage Family

Pea & Bean Family

Onion Family

Beet Family

Cucumber Family

Lettuce Family

Potato Family

Carrot Family

Rose Family

Others

Spring

Summer

Autumn

Winter