



Staff Name:

Zone: The polytunnel and garden

Ability Range: P7-NC3

Target Group: SEN

Date:

Lesson Reference:

Week 1

'Virtual Garden'

Learning Objectives:

- Students to identify a range of garden types.
- Students to describe their garden design and explain the reasons behind their choices.

Learning Outcomes:

- Students to produce their own garden design, either via the virtual garden programme or through a sketch.

Challenge: To label features in their garden and give reasons for their inclusion.

Differentiation: Visual aids used for access group, to help channel their thinking. Support provided by teaching assistant.

AFL: Reference to scheme of work.

**Development of Skills/Cross Curricular
LITERACY/COMMUNICATION**

Labelling garden design and presenting to peers in the group.

ICT

Virtual garden design programme.

NUMERACY

Measurements used during the design process.

STARTER ACTIVITY

Register the students and share the learning objectives with them.

Garden Designs: Show Youtube clips or BBC garden website to demonstrate the different garden designs that are available e.g. English garden, botanical garden, sensory garden etc. Discuss the value of each type of garden design.

<http://www.youtube.com/watch?v=p5YimdmWD1M>

MAIN PART OF LESSON

Garden Design: Introduce the 'Virtual Garden' activity that the students will be carrying out today. Students to work by themselves or in pairs to produce a computer generated design. Explain to the students that, at the end of the lesson, they will have to show their animation and explain why they chose to put individual items into their garden. The link for the website is:

<http://www.bbc.co.uk/gardening/design/>

Students to print out their design as evidence for their portfolio of work.

Challenge: Sketch and label their garden, using the animation that they have produced.

PLENARY

Presenting/Sharing of Ideas: Students to show their garden animation to the rest of the class, who will then peer assess it.

Students to record their activities onto a log sheet. The teaching assistant to support the 'access' group to complete their log sheets.

Extension Tasks: Garden type matching task.

Risk Assessment: Teacher in charge to ensure all correct and appropriate risk assessments are carried out to ensure the health and safety of all of the students in the group.

Disclaimer

The template used to produce this document, is purely for guidance only and can be adapted to suit individual

requirements/standards/establishments

VISUAL	Demonstration, using virtual garden designer Youtube clip.
AUDITORY	Direct teaching/explanation.
KINAESTHETIC	Garden designing.
SKILLS	Development of presentation skills.
SEN	Review behaviour/epilepsy plans.
REWARDS	Links to school reward system.

Domino Activity Data Entry Block: Enter 10 terms and definitions in the Data Entry Block below.

Term		Definition
Dispersal	1	The term given for spreading seeds.
Germination	2	This means the growth of plants.
Roots	3	These absorb water for plants.
Petals	4	This part of the plant attracts bees and other insects.
Pollination	5	The transfer of pollen from one plant to another.
Ovary	6	Contains the egg cells of the plant.
Stamen	7	Male part of the plant.
Leaf	8	Makes the food for the plant.
Broad Bean	9	A seed that can be eaten or saved and planted again the next year.
Stem	10	Holds the plant upright.

Domino Activity - The actual dominoes you have created follow on the next pages. The dominoes are printed out with two dominoes per page. The printout should be laminated then cut in half to create the actual dominoes, ready to use with your learners.

It is likely that you will need one set of dominoes for every 4-6 learners, the suggested number of players. To help manage the activity it is suggested that you have each set of dominoes printed on different coloured paper/card. To play 'Human Dominoes', you need to give each person their own card, they will then try to find the people who connect to their card i.e. hold the definition which matches their term (the preceding person) or has the term which corresponds to their definition (the person who will follow on from them).

Dispersal	Holds the plant upright.
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Germination	The term given for spreading seeds.
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Roots

This means the growth of plants.

Petals

These absorb water for plants.

<p>Pollination</p>		<p>This part of the plant attracts bees and other insects.</p>
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<p>Ovary</p>		<p>The transfer of pollen from one plant to another.</p>
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Stamen	Contains the egg cells of the plant.
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Leaf	Male part of the plant.
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Broad Bean	Makes the food for the plant.
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Stem	A seed that can be eaten or saved and planted again the next year.
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