Virtual Tour of A Greenhouse

Teacher/Presenter Notes

Part 6 The Products and the People

This part also involves a **Career Survey** – attached at the end of the teacher/presenter notes. It is also found in the grade 6 Lesson Plans as Appendix 6.10 for easy reproduction.

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| Slide/Image  Number | Image(s) | Teacher/Presenter Notes |
| 1 | Worker – interior of greenhouse – gerberas | This section of a virtual tour of a greenhouse will look at the products of the Ontario greenhouse industry and some of the people who are employed in this industry. |
| 2 | Tomatoes in greenhouse | Of course, greenhouses can be used to grow vegetables like tomatoes |
| 3 | Inside a greenhouse with plants and hanging baskets | However, the floriculture industry in Ontario is a very big contributor to the economy of this province. The top commodities of Ontario’s agriculture include dairy products, vegetables, cattle, and some crops; however, the floriculture industry is very significant both in term of the number of people employed and the value of the flowers and potted plants produced. |
| 4 | 4 images of potted plants found in Ontario greenhouses including potted roses, kalanchoe, poinsettia and ….. | The two main areas are cut flowers and potted plants. These are some of the potted plants that you might expect to find in Ontario’s greenhouses. You will be able to recognize some of them.  Let’s start with the potted plants |
| 5 | 2 Images of cut flowers – tulips, gerberas, | And now the cut flowers |
| 6 | 3 images of greenhouses | Some of the greenhouses specialize in certain flowers |
| 7 | Hanging baskets on the floor and above | There has been a trend for people to use flowers to decorate their homes, patios and balconies rather than doing a great deal of gardening; as a result, there are many more hanging baskets and potted arrangements sold. |
| 8 | Tulips in a bouquet | All of the products of Ontario’s flower-growing greenhouses will end up with you, the consumer. Many of the flowers and plants are shipped locally and are available to you as consumers within hours … or days … of being ready. |
| 9 | Five images of plants being readied for shipping. | Some of Ontario’s flowers are shipped long distances – to other provinces in Canada and to the United States |
| 10 | Racks of flowers ready for shipping – three sets of images | Greenhouses often supply stores with racks of plants – you may see these in your local stores. These racks are very efficient for shipping directly to the consumer and are usually an indicator of locally grown plants and flowers |
| 11 | Truck with flowers ready for delivery | Many of the flowers and plants grown in Ontario greenhouses are shipped locally to retail outlets. |
| 12 | Five images of people working in the greenhouse industry | Now we will look at the people who work in Ontario’s Greenhouse Industry –more than 7300 people. About 4 in every 10 jobs in greenhouses are permanent, all year round positions; some positions are seasonal, lasting from 4 – 8 months, depending upon the operation. |
| 13 | Female employee in a retail outlet | Let’s look at some of the careers in the greenhouse industry and see what the career involves. At the same time, we will also look at what information you should find … about yourself … and about different careers. |
| 14 | Inspecting gerberas | Quality Control is very important in floriculture. Plants must be inspected  regularly to protect them from insects and diseases. This requires specialist care. |
| 15 | Stacking boxes | While many of the operations in greenhouses are automated or use robots, there are some tasks that require manual labour; often these are seasonal jobs. |
| 16 | Female working in greenhouse | Greenhouse workers bring different skills to the workplace. Many jobs involve working alone and using initiative; others require working as a team to ensure that the products of the greenhouse are of the highest quality. |
| 17 | Examining floral display | Once a product is ready to be sold, it must be shipped and displayed attractively. People with marketing skills are important to the future of the industry. |
| 18 | Technician working | The future of the floriculture industry in Ontario will have many opportunities for workers with skills in technology - in all areas of the business, from production to marketing to providing customer service. |
| 19 |  | Lead in to Survey |
| 20 | PickOntario vehicle |  |

Career Survey

Have students complete the careers survey It is available as an Appendix (Appendix 6.10 – Career Survey) to the grade six lesson plans, but is also reproduced here for your convenience. Teacher Instructions are included.

For each of the following five questions, choose one of A, B, C, D, to indicate the topic that interests you most.

1. A. Selling a product (like flowers) or a service (like advertisements for the media).

B. Studying living things and their structure (like genes)

C. Working with plants and/or animals

D. Learning about different topics and things

1. A. Marketing a product or a service

B. Designing or building structures (like greenhouses), using engines or machinery

C. Farming

D. Working with or for government agencies

1. A. Using your creative skills in new situations

B. Doing experiments

C. Working outdoors

D. Using social media to promote ideas and products

1. A. Developing your own business – being your own boss!

B. Learning more about plants.

C. Planting trees

D. Using your knowledge and skills to improve the environment and contribute to dealing positively with climate change.

1. A. Being a manager – working with people to get a task completed

B. Using your knowledge of science and the scientific method in different situations.

C. Gardening

D. Using your knowledge and skills to teach others.

Share your results with other students in a small group. After sharing, count the number of each letter chosen. Now, look at the following chart which indicates potential career paths and career opportunities in the floriculture industry, based on your responses.

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| Letter Chosen the Most | Possible Career Path | Career opportunities in floriculture |
| A | Business and/or Management | Market research  Planning  Advertising  Business Manager  Product Management |
| B | Science and Engineering | Plant breeding  Research  Geneticist (study of genes in plants)  Entomologist (study of insects and their effects on flowers and plants in greenhouses)  Robotics specialist |
| C | Agriculture and Forestry | Greenhouse Manager  Plant Operator  Maintenance Technician  Seed specialist  Agronomist (person who studies soil management and crop production, including irrigation and the use of herbicides, pesticides, and fertilizers. |
| D | Education, Communication or Public Administration | Plant inspector  Public Relations specialist  Plant Manager |