



Seeds, Stems, Roots & Fruits

We are pleased that you have chosen the Children's Zoo at Celebration Square to visit your classroom. You have Chosen the outreach program "Seeds, Stems, Roots & Fruits". This program is about 45 minutes and geared for 2nd graders. "Seeds, Stems, Roots & Fruits" will talk mainly about the plant life cycle. The program will include props and Biofacts like skulls or plants. Your class will also be visited by 2 live education animals. As the teacher you will receive a teacher information packet that includes 3 post visit activities (Memory, Explore and Extend).

Michigan Science GLCE (Grade Level Content Expectations) included:

- L.OLE.1 Life Requirements- Organisms have basic needs. Animals and plants need air, water, and food. Plants also require light. Plants and animals use food as a source of energy and as a source of building material for growth and repair.
 - L.OL.O2.14 Identify the needs of plants.
- L.OLE.2 Life Cycles- Plants and animals have life cycles. Both plants and animals begin life and develop into adults, reproduce, and eventually die. The details of this life cycle are different for different organisms.
 - L.OL.O2.22 Describe the life cycle of familiar flowering plants including the following stages: seed, plant, flower, and fruit.

Students will:

- Be introduced to the parts of a plant
- Investigate the plant life cycle
- Discover how animals and humans use plants