

Activity 14



SPRING PLANTS ON THE FARM



STUDY QUESTION:

What words do you know about farm plants in spring?

THE ACTIVITY:

Students learn names of plants and seeds that the farmer plants in spring using a variety of activities - alphabetical order, fill in the missing letter, by illustration and writing.

CURRICULUM FIT:

DIVISION ONE - LANGUAGE ARTS

- Developing vocabulary

AGRICULTURE CONCEPTS: Farming: Growing plants on the farm.

PURPOSE:

To learn vocabulary related to seeds and plants on the farm.

To further develop language skills while learning about spring plants on the farm.

MATERIALS REQUIRED:

Story or poem about spring plants.

A variety of grain and/or vegetable seeds

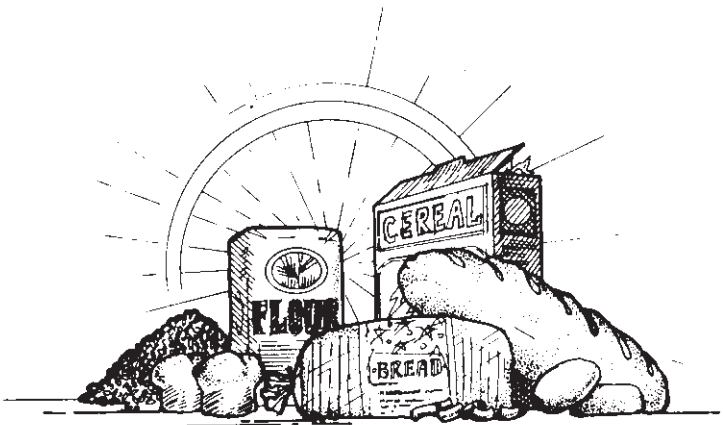
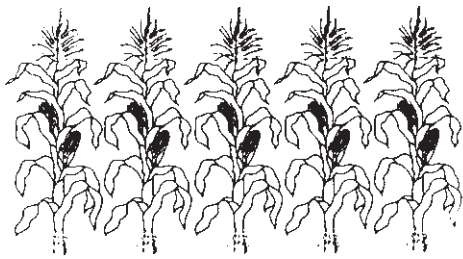
TIME REQUIRED:

1 class period



BACKGROUND -- For the Teacher

Students learn more precise vocabulary by learning the names of grain and vegetable seeds commonly grown in gardens and on farms in Alberta. By seeing and touching the various seeds, and growing seedlings from one of the seeds, the learning is reinforced. Language arts skills are practised in the exercise emphasizing alphabetical order and filling in the missing letter. These exercises increase the students' awareness of grains and vegetables grown in our province.



PROCEDURE

Part 1

- Introduction
1. Read class a story or a poem about plants in spring to introduce vocabulary. eg.

“How does a Plant Grow”, by Lawrence F. Lowery

Part 2

- Activity
2. Discuss with class that farmers are sowing seeds so little plants will grow. Fruit trees are blooming which means that there will be fruit in the summer.
 3. List on chart paper names of different seeds that farmers will be sowing in the fields.
 4. Students complete the Spring Seeds Student Resource Sheet.

Part 3

- Conclusion
5. Students draw and color the picture of a farm. Using different varieties of seeds and white glue, students can glue different varieties of seeds in rows in the pictures similar to the way farmer plants his fields. Students name the seeds in their picture.

DISCUSSION QUESTIONS

1. In what season do plants usually start to grow?
2. What kinds of seeds do farmers plant?
3. What are names of some vegetable seeds?
4. What are other crops grown on the farm?
5. What kinds of flowers are grown on the farm?

EVALUATION

1. Completed Student Resource Sheets.
2. Picture of farm fields with seeds.

RELATED ACTIVITIES

1. Each child chooses a different letter of the alphabet. Draw a picture about something that you see in spring on the farm. Print the sentence to go with the picture.

eg. A is for apple trees that bloom in spring.

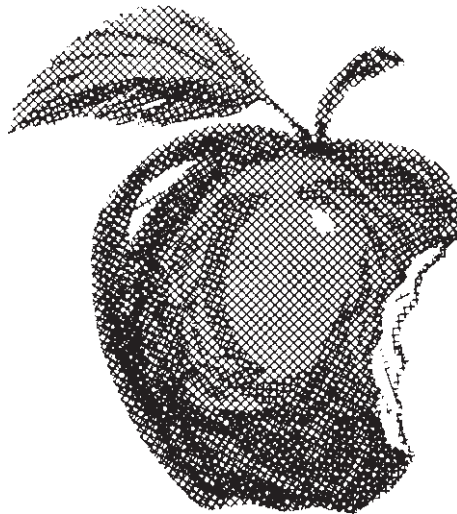
2. Students may each be given a 4" plastic pot filled with soil in which they plant a seed of their choice. They will monitor how the plant grows.

(Teacher Resource: Agriculture and Me, grade 2, "Growing Plants" p. 27.1)

3. Other excellent classroom activities using seeds and plants may be found in:

"Looking at Plants", by David Suzuki

"Experimenting with seeds", by Ware Budlong and Mark H. Fleitzer



STUDENT RESOURCE

Spring Seeds



Print the names of the seeds that the farmer sows in the spring in alphabetical order. Circle the word that is a spring flower, but the farmer does not plant it.

WORD LIST

oats, wheat, carrots, barley, radish, peas, dandelion, eggplant, beets
lettuce, tomatoes, onion, pumpkin, squash, potatoes, corn

- | | |
|----------|-----------|
| 1. _____ | 9. _____ |
| 2. _____ | 10. _____ |
| 3. _____ | 11. _____ |
| 4. _____ | 12. _____ |
| 5. _____ | 13. _____ |
| 6. _____ | 14. _____ |
| 7. _____ | 15. _____ |
| 8. _____ | 16. _____ |

TEACHER RESOURCE

Spring Seeds - answer sheet



Print the names of the seeds that the farmer sows in the spring in alphabetical order. Circle the word that is a spring flower, but the farmer does not plant it.

WORD LIST

oats, wheat, carrots, barley, radish, peas, dandelion, kohlrabi, beets
lettuce, tomatoes, beans, onion, pumpkin, squash, potatoes, corn

- | | |
|--------------|--------------|
| 1. barley | 9. oats |
| 2. beans | 10. onion |
| 3. beets | 11. peas |
| 4. carrots | 12. pumpkin |
| 5. corn | 13. radish |
| 6. dandelion | 14. squash |
| 7. kohlrabi | 15. tomatoes |
| 8. lettuce | 16. wheat |

STUDENT RESOURCE

Spring Seeds



Copy and complete the names of vegetable seeds with the following consonants and consonant blends. Use the clues to help you.

b ___ ___ ___ (red)

b ___ ___ ___ (green)

br ___ **c** ___ ___ **l** ___ (green)

c ___ **r** ___ ___ ___ (orange)

c ___ ___ ___ (yellow)

c ___ ___ **l** ___ **fl** ___ ___ ___ **r** (white)

c ___ **bb** ___ ___ ___ (green)

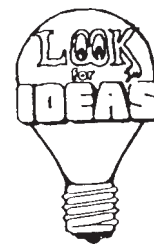
p ___ ___ **s** (green)

sq ___ ___ ___ ___ (orange)

p ___ ___ ___ **k** ___ ___ (orange)

TEACHER RESOURCE

Spring Seeds - answer sheet



Copy and complete the names of vegetable seeds with the following consonants and consonant blends. Use the clues to help you.

b e e t (red)

b e a n (green)

br o c c o l i (green)

c a r r o t (orange)

c o r n (yellow)

c a u l i f l o w e r (white)

c a b b a g e (green)

p e a s (green)

sq u a s h (orange)

p u m p k i n (orange)