Unit 9: Partner Resource

Helping Seeds Travel

mySci™ hands on science for elementary students

MONSANTO Fund
Additional Teacher Resources

MINI PD VIDEOS - COMING SOON!
(Password: MySci1)

BOOKS

*Seeds Grow into Plants*, by Mario Lucca
*Flowers for Grandma*, by Karl Jensen
*The Seasons of Arnolds Apple Tree*, by Gail Gibbons
*From Blossom to Fruit*, by Gail Saunders-Smith
*Grow, Seed, Grow*, by (NSTA)Lisa Trumbuer
*Plants in the Park*, by Dimi Stanos

ONLINE RESOURCES

“Pumpkin Time!” http://www.readworks.org/passages/pumpkin-time

“Pumpkins Are Popping Up Everywhere!” http://www.readworks.org/passages/pumpkins-are-popping-everywhere

“Seeds Need To Move” http://www.readworks.org/passages/seeds-need-move

“Kids Dig In” http://www.readworks.org/passages/kids-dig

“Earth Helpers” http://www.readworks.org/passages/earth-helpers


LOANER ITEMS


Seed Identification Kit (ISP 100-9966): http://schoolpartnership.wustl.edu/products/seed-identification-kit/

DISCOVERY ED (Subscription Required)

Seed Dispersal: http://bit.ly/1dtCAOj
Animals and Plants: http://bit.ly/1JCh6k
Tips: How plants and Animals help each other.
How Plants Grow: http://bit.ly/1S1CxZp
Animals in Our Own Backyard: http://bit.ly/1GwU7m1
Pollination: http://bit.ly/1HmAXOq
1. What are two things that plants need to survive?

2. Which plant do you think was grown in light?
   Plant A  OR  Plant B
   Which plant do you think was grown in the dark?
   Plant A  OR  Plant B

3. Why do certain plants and animals live in different habitats?

4. Give two examples of how plants and animals can interact with each other.

5. Label the parts of the plant shown.
   a. ________________________________
   b. ________________________________
   c. ________________________________
   d. ________________________________
   e. ________________________________
   f. ________________________________
6. What is one way that the seed in Question 5 could be moved away from the plant?

7. What does a flower turn into?

8. Why does a plant disperse (spread) its seed to different areas?
Unit 9: Helping Seeds Travel

1. What are two things that plants need to survive? (NGSS 2-LS2-1) **TOTAL: 2 POINTS**, give 1 point for each right answer

   - Sunlight
   - Water

2. Which plant do you think was grown in light?  
   **Plant A** OR **Plant B**
   Which plant do you think was grown in the dark?
   **Plant A** OR **Plant B**  
   (NGSS 2-LS2-1 & GLE IN 1 B 2 d) **TOTAL: 2 POINTS**, give 1 point for each right answer

3. Why do certain plants and animals live in different habitats?  (NGSS 2-LS4-1) **2 POINTS**  
   Give 2 points for mentioning that different plants and animals have different needs and roles.

4. Give two examples of how plants and animals can interact with each other.  (NGSS 2-LS2-2) **2 POINTS**  
   Give 1 point for each correct answer (max 2 points). Examples include cows eating grass, bees pollinating flowers, or a squirrel living in a tree for shelter.

5. Label the parts of the plant shown.  (NGSS 1-LS1-1) **3 POINTS**, 1/2 point for each right answer.

   - **a.** Leaf
   - **b.** Flower
   - **c.** Fruit
   - **d.** Stem
   - **e.** Seed
   - **f.** Root
6. What is one way that the seed in Question 5 could be moved away from the plant? (NGSS 2.LS2-2 & 1-LS1-2) **1 POINT**
   
   Answers could include being blown by wind, being eaten by an animal, carried by water, bursting open, etc.

7. What does a flower turn into? (NGSS 1-LS1-1 & 1-LS1-2) **1 POINT** fruit with seeds or seed

8. Why does a plant disperse (spread) its seed to different areas? (NGSS 1-LS1-2 & 3-LS4-3) **2 POINTS**
   
   (2 points max)

   (1 point) To survive

   (2 points) To increase chances of survival and keep from crowding other plants