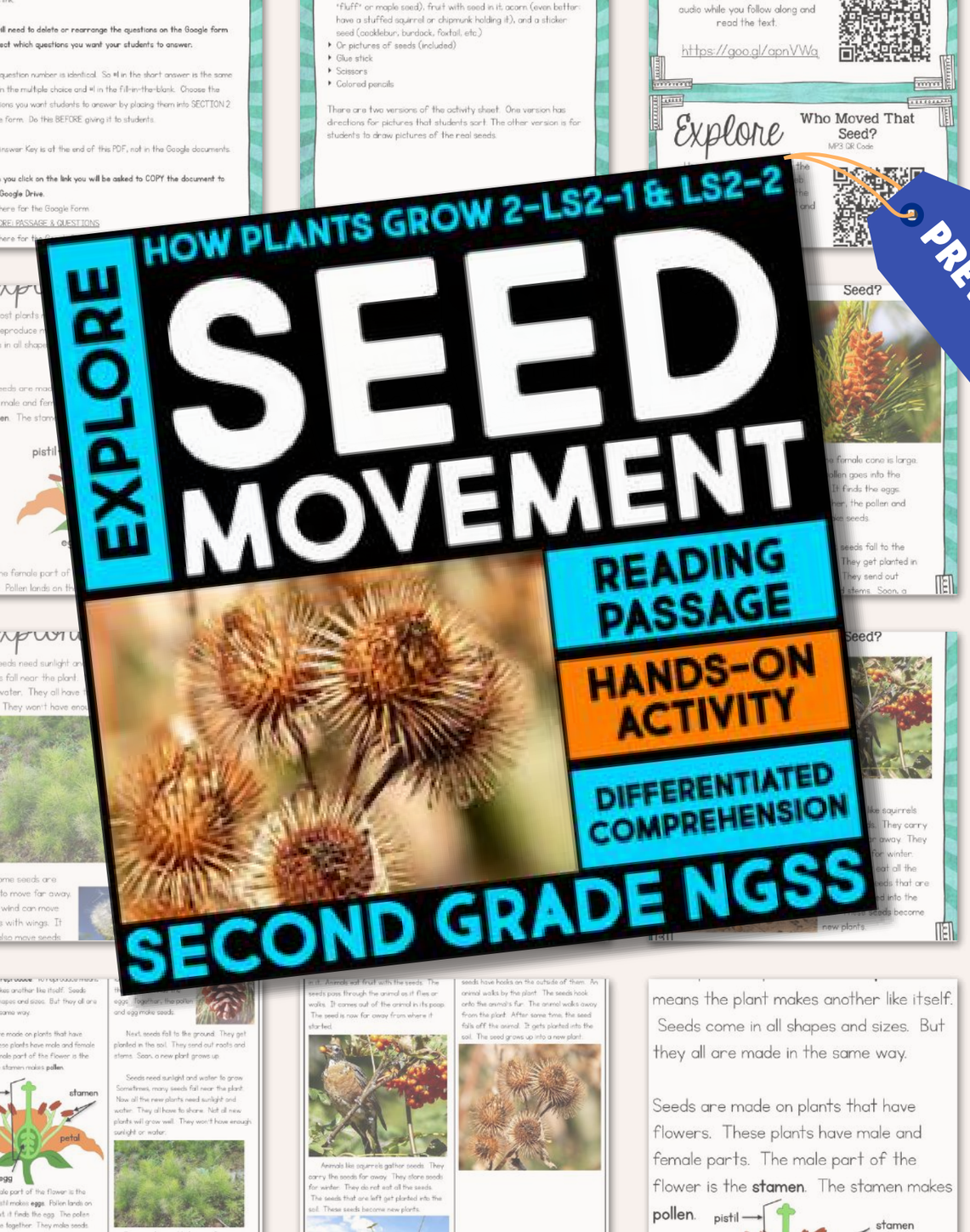


The Journey of a Seed!

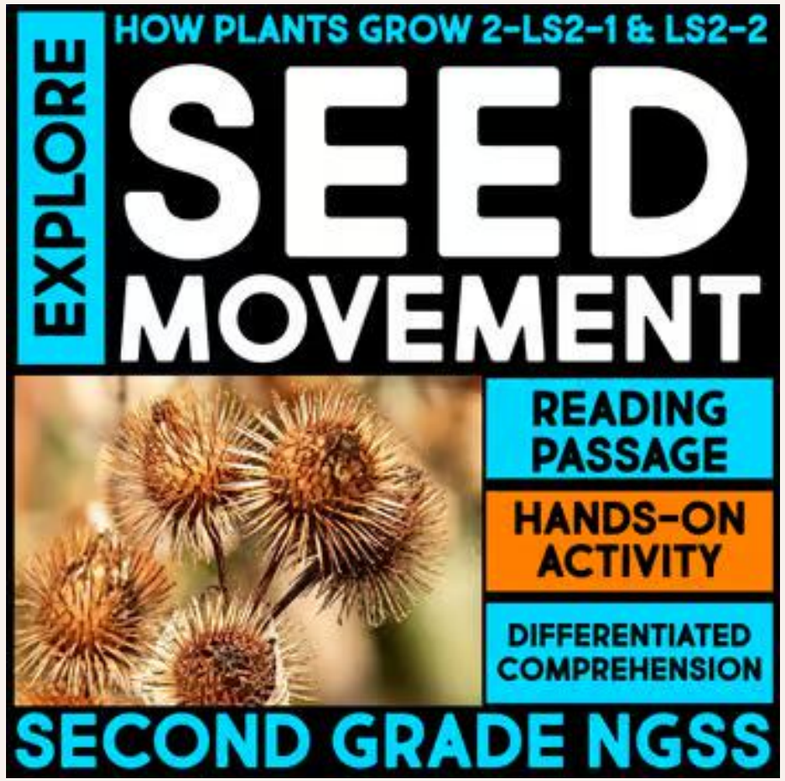
2ND GRADE

EXPLORE HOW SEEDS MOVE

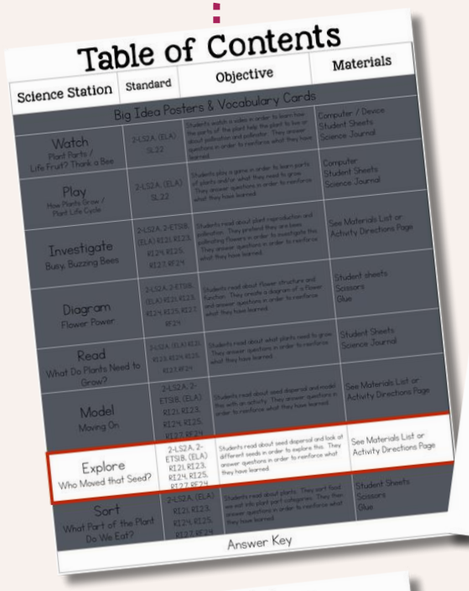
Seed Dispersal Activity – Second Grade Science Center

KEEP SCROLLING TO SEE WHAT'S INSIDE!

ACTIVITY OVERVIEW



- Students read a passage
- Students explore seed movement in a hands-on activity.
- Then lastly they will answer questions based on their exploration activity.


Table of Contents

Science Station	Standard	Objective	Materials
Big Idea Posters & Vocabulary Cards			
Watch Plant Parts / Life Fruit? Thank a Bee	2-LS2-A. (ELA SL.22	Students watch a video in order to learn how different parts of the plant help the plant to live or about pollination and pollinator. They answer questions in order to reinforce what they have learned.	Computer / Device Student Sheets Science Journal
Play How Plants Grow / Plant Life Cycle	2-LS2-A. (ELA) SL.22	Students play a game in order to learn parts of plants and/or what they need to grow. They answer questions in order to reinforce what they have learned.	Computer Student Sheets Science Journal
Investigate Busy, Buzzing Bees	2-LS2-A. 2-ETS1B. (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about plant reproduction and pollination. They pretend they are bees collecting flowers in order to investigate this. They answer questions in order to reinforce what they have learned.	See Materials List or Activity Directions Page
Diagram Flower Power	2-LS2-A. 2-ETS1B. (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about flower structure and function. They create a diagram of a flower and answer questions in order to reinforce what they have learned.	Student sheets Scissors Glue
Read What Do Plants Need to Grow?	2-LS2-A. (ELA) RI.21, RI.23, RI.25, RI.27, RF.24	Students read about what plants need to grow. They answer questions in order to reinforce what they have learned.	Student Sheets Science Journal
Model Moving On	2-LS2-A. 2-ETS1B. (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about seed dispersal and model this with an activity. They answer questions in order to reinforce what they have learned.	See Materials List or Activity Directions Page
Explore Who Moved that Seed?	2-LS2-A. 2-ETS1B. (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about seed dispersal and look at different seeds in order to explore this. They answer questions in order to reinforce what they have learned.	See Materials List or Activity Directions Page
Sort What Part of the Plant Do We Eat?	2-LS2-A. (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about plants. They sort food as real-life plant part categories. They then answer questions in order to reinforce what they have learned.	Student Sheets Scissors Glue
Answer Key			


Science Stations Overview

Watch a Video
At this station, students will watch a video relevant to the topic and answer questions. You have the option of the included worksheet with the questions or use task cards and have students respond in their science journals.

Play a Video Game
Students play an online video game and answer questions about the experience. You have the option of the included worksheet with the questions or use task cards and have students respond in their science journals.

Investigate
Students use materials to investigate the science topic by following directions and recording results. Students answer questions about the investigation.

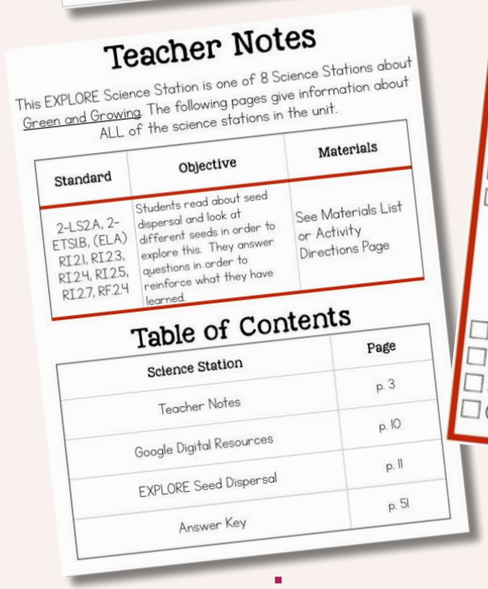
Draw a Diagram
Students draw and label a diagram specific to certain requirements. Students then explain how their diagram meets the requirements.

Read a Passage
Students read a short passage about the topic and answer questions about the information in the passage. You have the option of the included worksheet with the questions or use task cards and have students respond in their science journals.

Create a Model
Students use materials to illustrate the science concept and answer questions. You have the option of the included worksheet with the questions or use task cards and have students respond in their science journals.

Explore
Students create a sample and manipulate it using the new science concepts they have learned. Students answer questions based on the effects.

Sort
Students sort cards into groups or put them in a specific order. Students record the sort and then describe their reasoning.

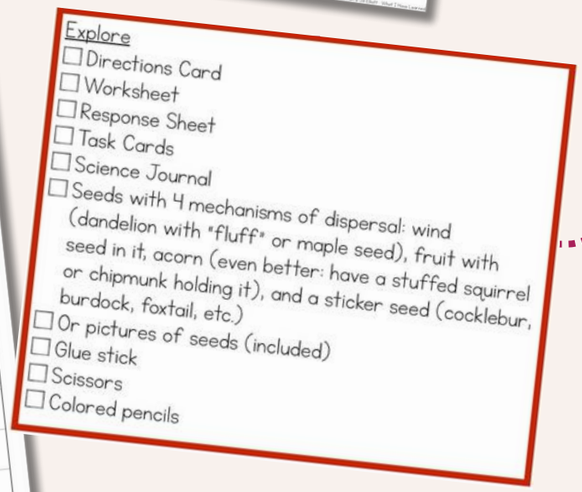

Teacher Notes

This EXPLORE Science Station is one of 8 Science Stations about Green and Growing. The following pages give information about ALL of the science stations in the unit.

Standard	Objective	Materials
2-LS2-A, 2-ETS1B, (ELA) RI.21, RI.23, RI.24, RI.25, RI.27, RF.24	Students read about seed dispersal and look at different seeds in order to explore this. They answer questions in order to reinforce what they have learned.	See Materials List or Activity Directions Page

Table of Contents

Science Station	Page
Teacher Notes	p. 3
Google Digital Resources	p. 10
EXPLORE Seed Dispersal	p. 11
Answer Key	p. 51


Explore

- ☐ Directions Card
- ☐ Worksheet
- ☐ Response Sheet
- ☐ Task Cards
- ☐ Science Journal
- ☐ Seeds with 4 mechanisms of dispersal: wind (dandelion with "fluff" or maple seed), fruit with seed in it, acorn (even better: have a stuffed squirrel or chipmunk holding it), and a sticker seed (cocklebur, burdock, foxtail, etc.)
- ☐ Or pictures of seeds (included)
- ☐ Glue stick
- ☐ Scissors
- ☐ Colored pencils

Table of Contents

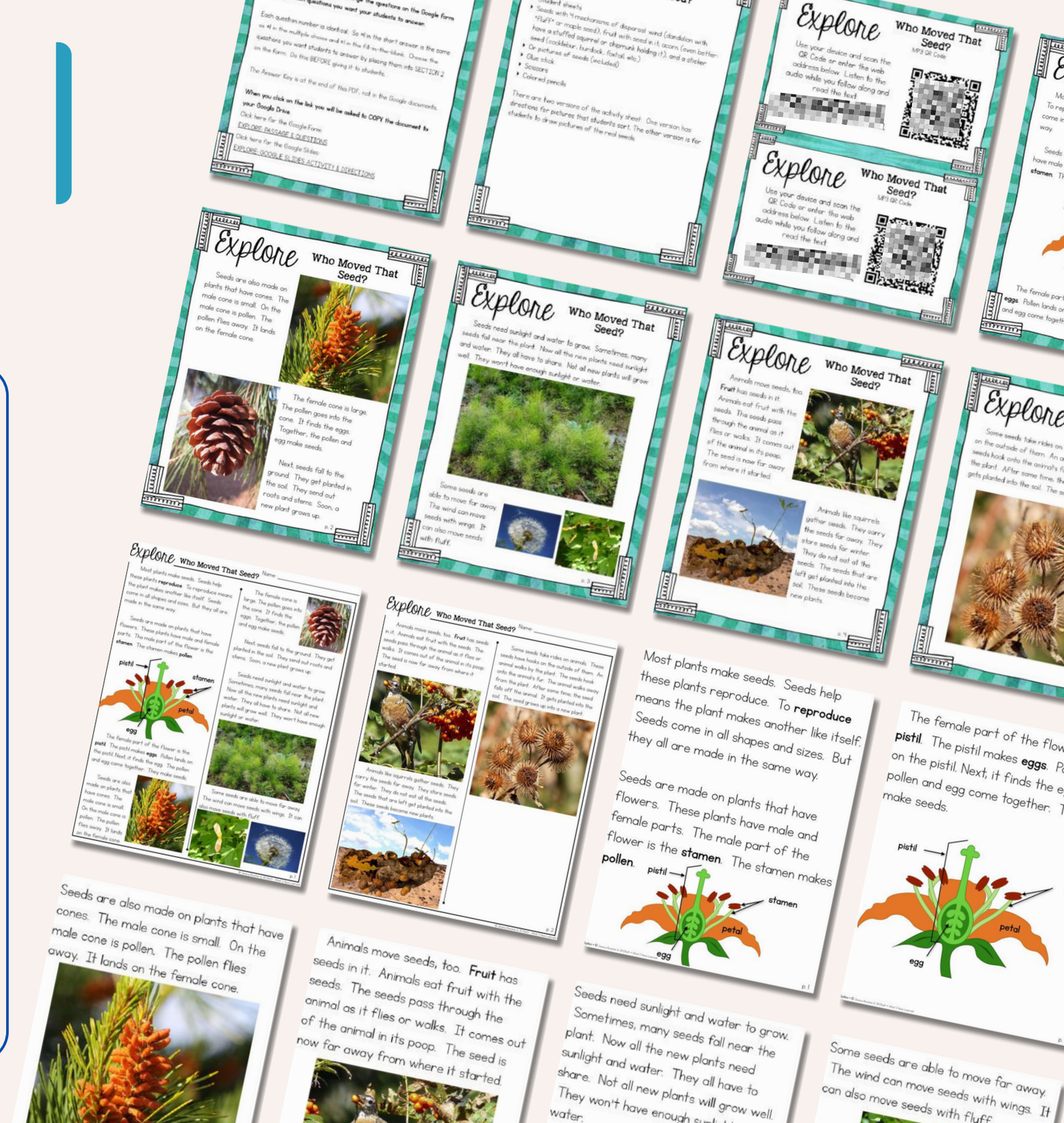
Science Station Overview

Materials Checklist

Table of Contents / Teacher's Notes

WHAT'S INCLUDED
EXPLORE SCIENCE STATION

- Teacher Notes
- Student Text in four formats
- Student Instructions
- MP3 Audio Read-Aloud
- Activity Sheets for observation
- Differentiated Questions
- Answer Key
- Google Form™
- Google Slides™

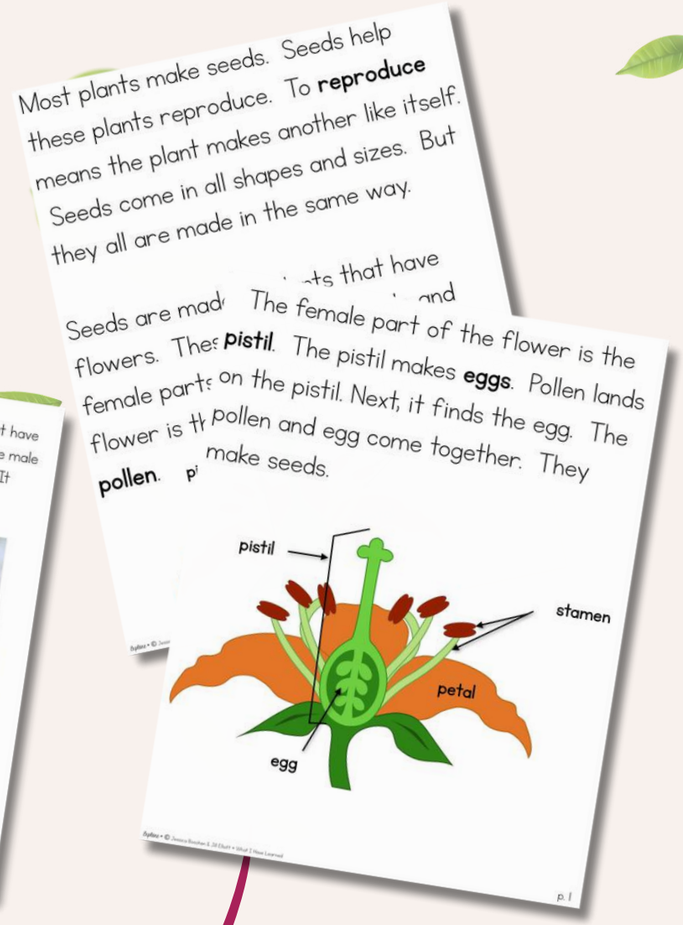


EXPLORE: READING PASSAGE









READING PASSAGE IN FOUR FORMATS

Explore

Who Moved That Seed?

Materials

- Student sheets
- Seeds with 4 mechanisms of disper
- "fluff" or maple seed), fruit with
- have a stuffed squirrel or chipmur
- seed (cocklebur, burdock, foxtail,
- Or pictures of seeds (included)
- Glue stick
- Scissors
- Colored pencils

There are two versions of the ac
directions for pictures that stude
students to draw pictures of the

Explore

Who Moved That Seed?

Nam

You are going to look at some seeds. You will decide h

1. Cut out the picture.
2. Glue it in the correct box on your Activity Shee

Seed that takes a ride on the fur of an animal:

Seed that

Seed that gets eaten by an animal:

Seed th

This chipmunk gathers nuts for the winter.



Apples have seeds inside them.



These seeds are inside prickly burs.



Thistle seeds have



Explore

Who Moved That Seed?

Name:

A

You are going to look at some seeds. You will decide how the se

1. Look at the seeds below.
2. Draw the seed in the correct box on your Activity Sheet.

Seed that takes a ride on the fur of an animal:

Seed that moves with t

Seed that gets eaten by an animal:

Seed that is collected f

This chipmunk gathers nuts for the winter.



Apples have seeds inside them.



These seeds are inside prickly burs.



Thistle seeds have fluffy tops.

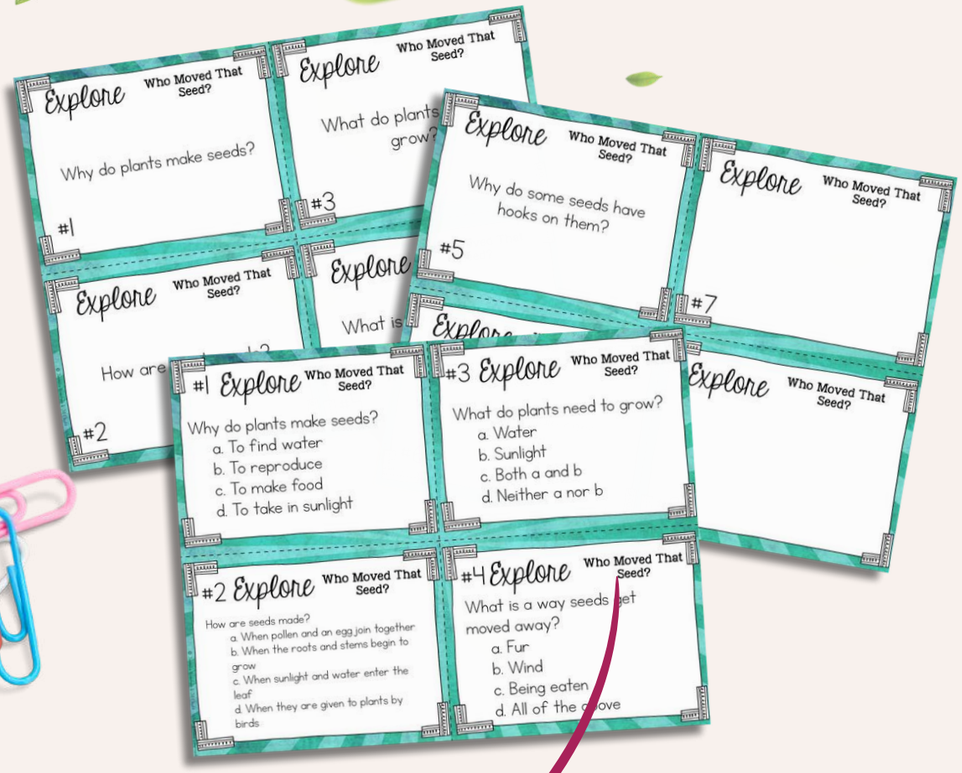


ENGAGING ACTIVITY & WORKSHEETS IN COLOR & B&W

DIFFERENTIATED QUESTIONS







SHORT ANSWER

FILL-IN-THE BLANK

TASK CARDS:
SHORT ANSWER & MULTIPLE CHOICE

female

seeds

egg

food

water

hooks

Explore Who Moved That Seed?

Most plants make seeds. Seeds help these plants **reproduce**. To reproduce means the plant makes another like itself. Seeds come in all shapes and sizes. But they all are made in the same way.

Seeds are made on plants that have flowers. These plants have male and female parts. The male part of the flower is the **stamen**. The stamen makes **pollen**.

pistil

The fema

eggs. Pollen

and egg co

Explore Who Moved That Seed?

Seeds are also made on plants that have cones. The male cone is small. On the male cone is pollen. The pollen flies away. It lands on the female cone.





The female cone is large. The pollen goes into the cone. It finds the eggs. Together, the pollen and egg make seeds.

Next, seeds fall to the ground. They get planted in the soil. They send out roots and stems. Soon, a new plant grows up.

p. 2

Explore Who Moved That Seed? Name: _____

1. Why do plants make seeds?

Plants make seeds to help the plant reproduce, or make another plant like its

2. How are seeds made?

Seeds are made when pollen and an egg join together.

3. What do plants need to grow?

Plants need water and sunlight to grow.

4. What is a way seeds get moved away?

Choose one: Seeds can get moved by the wind, by getting caught on the fur of an animal, by getting eaten by an animal, or by being gathered for winter food and then left behind.

5. Why do some ave hooks on them?

Some seeds have hoo them because the hooks help the seed catch a ride on the fur of an animal. This move ed far away to where there is plenty of water and sunlight.

6. Circle the female cone.





Explore Who Moved That Seed?

MP3 QR Code

Use your device and scan the QR Code or enter the web address below. Listen to the audio while you follow along and read the text.

https:

MP3 AUDIO

0:03 / 2:43

Explore Who Moved That Seed?

Why do some seeds have hooks on them?

#5

#1 Explore Who Moved That Seed?

Why do plants make seeds?

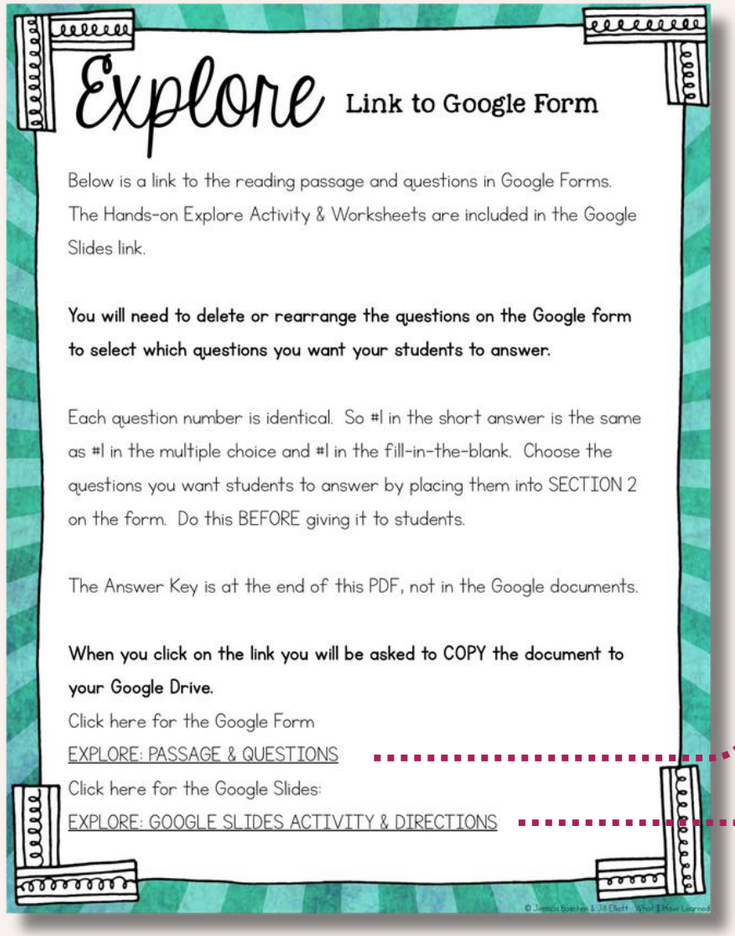
a. To find water
b. To reproduce
c. To make food
d. To take in sunlight

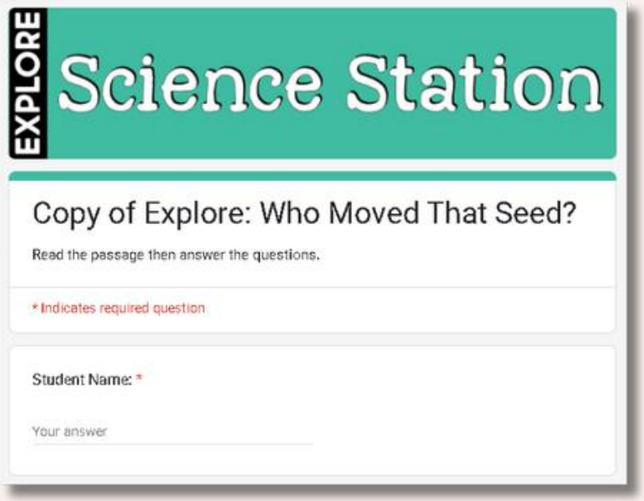
Some plants make _____ to help reproduce.

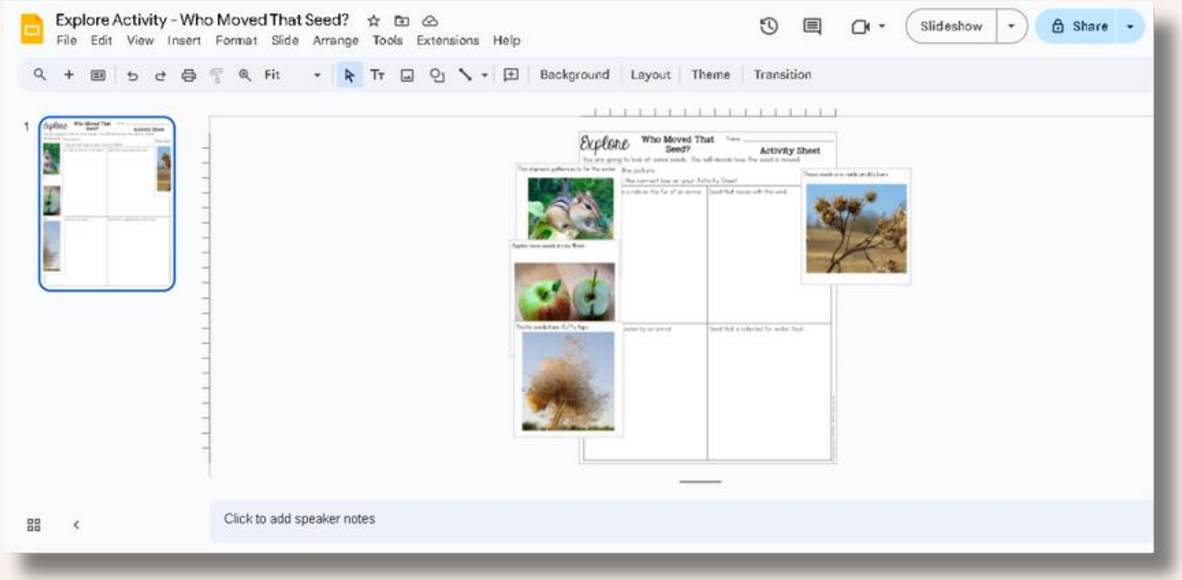
Some seeds have _____ on them to help them catch a ride on the fur of an animal.

POCKET CHART CARDS

DIGITAL VERSIONS







DIGITAL VERSIONS

- ✔ Google Sheet with Activity & Directions
- ✔ Google Form with Reading & Questions

Answer keys provided

YOU WILL LOVE THIS BECAUSE



Engages all learners

Includes hands-on exploration, audio supports, and visual aids to meet diverse student learning styles and needs.



Aligned with NGSS

These lesson plans aren’t just random; they’re laser-focused on Next Generation Science Standards. No more curriculum guesswork!



Encourages Scientific Inquiry

Students develop hypotheses, conduct experiments, record data, and analyze their observations.

TEACHERS LOVE IT!

I used this as a activity for my students to complete when I was absent. I printed out the story for kids to read, and had them complete the cut and glue activity page. I also used the seed dispersal worksheet as an additional activity in one of my other lessons. Great resource!

Lauren Murphy



Very good resource that I used to supplement my unit on seed dispersal with my second graders!

Samera W.



My passion is making learning accessible to all students.
I love scaffolding learning, breaking down the concepts and building them up so that students can see the connections.
I love figuring out the small components that build up to the big ideas and helping students see it all.



teach MATH | teach SCIENCE | teach READING | teach WRITING

What I have LEARNED