Help me find my way back to the hive

I stay in the hive at night because I need the sun to fly.

I use the sun to find my way back to the hive.

Clouds block my view of the sun.

I don’t fly well in rainy weather.

It’s too cold for me to leave the hive in the snow.

Bees

Bees fly from flower to flower and collect pollen.

How do bees find their way?

They use the ________!

Draw eyes on the bumblebee face:

Match the food with the type of plant it grows on

Tomato

Apple

Raspberry

Grape

What is Pollination?

Pollination is the transfer of pollen grains from male flower parts to female flower parts.

Honeybees transfer pollen grains in pollen baskets on their back legs.

Draw a bee carrying pollen in pollen baskets:
Pollinator Word Search

Ant  Honeybee
Bat  Hummingbird
Beetle  Moth
Butterfly  Native Bee
Fly  Wasp

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Types of Pollinators

Which of these are pollinators?

Bee  Bat  Butterfly  Hummingbird  Moth  Wasp  Fly

Match the pollinator tongue with the correct flower shape:

Bee  Butterfly  Sunflower  Penstemon  Hummingbird

Three P’s Mad Libs

Now that I am a USU Extension PUP, I know why it is important to ___________ pollinator ________, ________, ________, ________, ________, and ________ pollinator ________, and ________, and ________, and ________. The importance of pollinators to ________.

Pollinators move ________ from ________ to ________, which produces many ________ we ________, ________, ________, ________, ________, ________, ________. Types of pollinators include ________, ________, ________, ________, ________, ________, ________, ________.

Did you know?

These foods are made with ingredients pollinated by pollinators:

- pizza sauce
- strawberry jelly
- apple sauce
- vanilla ice cream
- mustard
- salsa
- ketchup
- pickles
- chocolate milk
- orange juice
- peanut butter
- pumpkin pie

Importance of Pollinators

My favorite food is:
USU Extension PUPS Program

Developed in 2013 by Katie Wagner, USU Extension Horticulture Faculty in Salt Lake County, Utah

Who may use this curriculum?
Educators, community leaders, and parents

Curriculum materials available at:
http://extension.usu.edu/saltlake/htm/yardgarden/pups-program

Terms & conditions of use:
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Contact developer: katie.wagner@usu.edu

Utah State University
SALT LAKE COUNTY EXTENSION
What is a USU Extension PUPS?

PUPS stands for:
Protectors of Urban Pollinators

**PUPS follow the three P’s:**

1. PLANT pollinator plants
2. PROTECT pollinator habitat by avoiding use of insecticides toxic to bees
3. PROMOTE importance of pollinators to others

Draw a pollinator visiting a flower:

Complete the three P’s to help the bee find its way to the pollinator garden:

1. ______ pollinator plants
2. ______ pollinator habitat
3. ______ importance of pollinators to others