

ALL ABOUT ANTS!

ALL ABOUT ANTS

LESSON PLAN

Week at a Glance:

- Day One: Physical Traits of Ants
- Day Two: Ant Habitats
- Day Three: Types of Ants
- Day Four: Ants and Us
- Day Five: Ants in the Environment

ALL ABOUT ANTS

LESSON PLAN

Day Two: Ant Habitats
Objective: The students will be able to identify where ants and what they need in their habitats to survive.

LESSON PLAN: DAY TWO

Introduction (5 minutes):
Teacher Says: Today, we will focus on where ants live. Have you ever seen an ant? What do you think they eat? What do you think they do?

ALL ABOUT ANTS

TYPES OF ANTS

Directions: Write two facts about each type of ant.

Carpenter Ants

Sugar Ants

ALL ABOUT ANTS

ANTS, ANTS

CAN

HAVE

ALL ABOUT ANTS

ANT RESEARCH

Directions: Choose one type of ant to research more about. Fill in the information below.

SPECIES:

Interesting Facts

Appearance

diet

HABITAT

ALL ABOUT ANTS

DIET UNSCRAMBLE

Directions: Unscramble each word associated with what ants eat.

LVEASE

SUARG

FRTIU

HYONE

NCTEAR

SDEES

PNLIATS

PTROEIN

crab

Ants

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A COMPREHENSIVE FIVE DAY UNIT ALL ABOUT ANTS!

Includes lesson plans, graphic organizers, craft ideas, projects, comprehension questions and more!

FROM YOUR FRIENDS AT

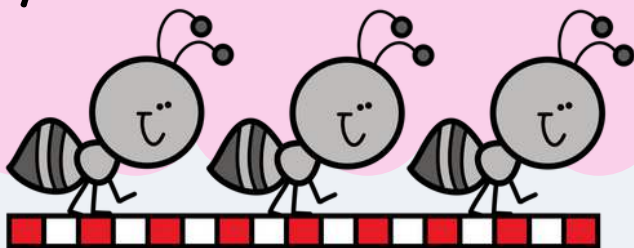
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ANIMALS

ALL ABOUT ANTS

LESSON PLAN

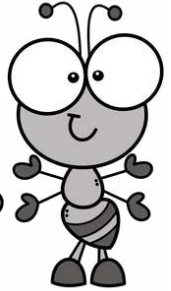
Week at a Glance:

- *Day One: Physical Traits of Ants
- *Day Two: Ant Habitats
- *Day Three: Types of Ants
- *Day Four: What They Eat
- *Day Five: Ant Behaviors



ALL ABOUT ANTS

LESSON PLAN



Day One: Ant Physical Traits

Objective: The students will be able to describe physical traits of ants.

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LESSON PLAN: DAY ONE

Introduction (5 minutes):

*Teacher Says: This week we are going to explore more about the world of ants! Who has seen an ant before? Where did you see it? What do you already know about ants?

*Ants are tiny insects that can be found almost anywhere and everywhere! Today, we are going to learn about an ant's physical appearance, which means what they look like! Different types of ants may be different sizes and colors, but most share many similarities to each other!

ALL ABOUT ANTS

Lesson (15 minutes):

*The teacher will read the book, "All Things Ants for Kids" from Animal Reads. After reading, discuss what physical traits of ants the students noticed. Explain that ants have three main body parts - the head, thorax and abdomen. They also have six legs and two antennae. Ants use their antennae to explore the world around them. They are also SUPER strong!

*The teacher will guide the students in completing the "Ants, Ants, Ants!" graphic organizer.

*In small groups or partners, the students will label each part of the ant on the "Parts of an Ant" worksheet attached.

Independent Work (10 minutes)

*The students will complete the "Ant Adjective" worksheet, using adjectives to describe the different parts of ants.

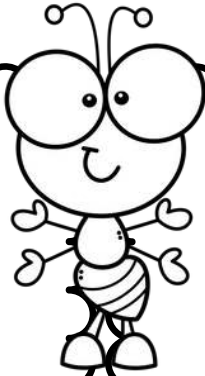
Closing (5 minutes)

*Review the worksheet together. The teacher will use a poster or the white board to record adjectives describing ants.

ALL ABOUT ANTS

ANTS, ANTS, ANTS!

CAN

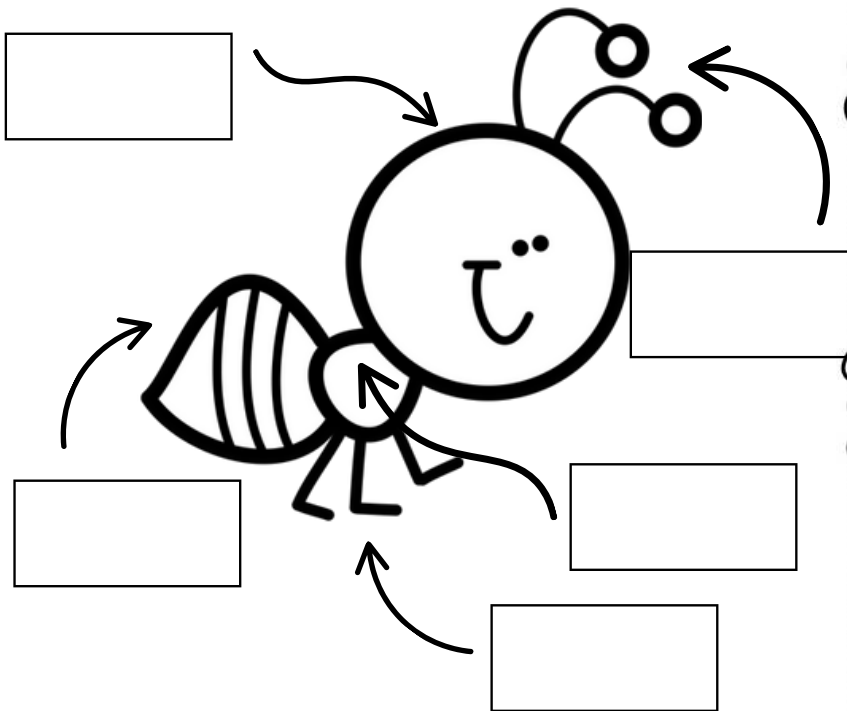


ARE

HAVE

ALL ABOUT ANTS

PARTS OF AN ANT



antennae

thorax

head

legs

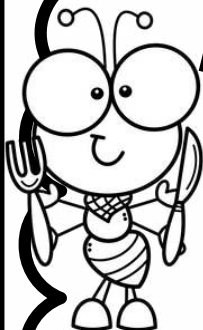
abdomen

ALL ABOUT ANTS

ANT ADJECTIVES

Directions: An adjective is a describing word. Fill in the blank with an adjective that describes the physical traits about an ant.

ANTS HAVE...



a _____ body

_____ eyes

_____ antennae

a _____ abdomen

_____ legs

a _____ head

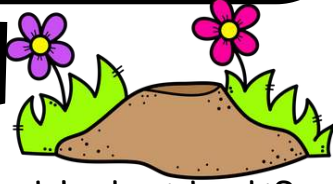
a _____ thorax

a _____ mouth



ALL ABOUT ANTS

LESSON PLAN



Day Two: Ant Habitats

Objective: The students will be able to identify where ants live and what they need in their habitats to survive.



LESSON PLAN: DAY TWO

Introduction (5 minutes):

*Teacher Says: Today, we will focus on where ants live! Have you ever seen an ant hill before? What do you think is going on underneath the "hill"?

*The teacher will play the video, "What's Inside An Anthill?" -

https://www.youtube.com/watch?v=HedZXw_hAbs

*Ants live together in large groups called colonies! A colony can actually have thousands of ants. They build tunnels underground, in wood and sometimes leaves!

ALL ABOUT ANTS

Lesson (15 minutes):

*Ants have habitats everywhere! They like places that are safe, warm and have food nearby! Why do you think some ants live underground? Ants dig tunnels underground where they are able to stay safe from predators, rain and heat. Certain types of ants can live in wood, in leaves/plants or inside buildings.

*The teacher will guide the students in completing the "Main Idea and Key Details" writing prompt graphic organizer. The students will write three key details to support the topic of where ants live.

Independent Work (15 minutes)

*The students will use the writing template attached below and the graphic organizer to write a paragraph about where ants live.

Closing (5 minutes)

*The students will sit with a partner and read each other's paragraphs. They will tell their partner one strength and one area of growth for their paragraph. .

ALL ABOUT ANTS

MAIN IDEA AND KEY DETAILS

Where do ants live?

MAIN IDEA →

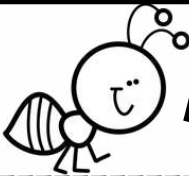
Ants live in many different places.

Detail #1 →

Detail #2 →

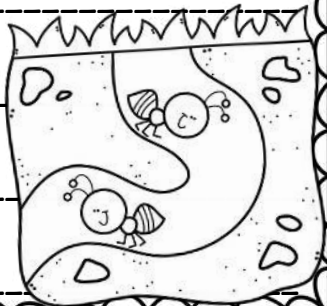
Detail #3 →

ALL ABOUT ANTS



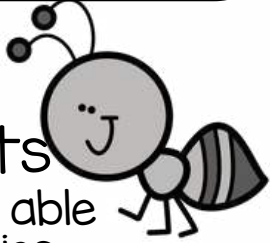
ANT HABITATS

A series of ten horizontal dashed lines for writing, spanning the width of the page.



ALL ABOUT ANTS

LESSON PLAN



Day Three: Types of Ants

Objective: The students will be able to identify various ant species.

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LESSON PLAN: DAY THREE

Introduction (5 minutes):

*Teacher Says: Did you know that there are over 12,000 different types of ants? Ants come in all different shapes, sizes and colors! Can you name an ant species?

*There are many types of ants - from the extra large Carpenter Ant, tiny Sugar Ants that you may find in your kitchen, red stinging Fire Ants, Leafcutter Ants, Army Ants, Weaver Ants, Acrobat Ants and much more!

ALL ABOUT ANTS

Lesson (15 minutes):

*The students will watch the video, "Army Ant" from National Geographic Kids - https://www.youtube.com/watch?v=A_hEZNxG_H8

*The students will use non-fiction resources, including books, magazines, articles, online resources, etc. to collect information about various types of ants. Students will complete the "Types of Ants" worksheet and write two facts per type of ant.

Independent Work (15 minutes)

*The students will choose one type of ant that they want to learn more about and complete the "Ant Research" activity worksheet.

Closing (5 minutes)

*As a whole group, the students will share their research together.

ALL ABOUT ANTS

TYPES OF ANTS

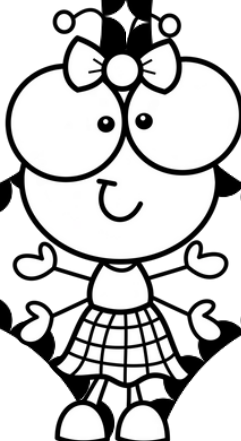
Directions: Write two facts about each type of ant.

Carpenter
Ants

Sugar Ants

Fire Ants

Acrobat
Ants



ALL ABOUT ANTS

ANT RESEARCH

Directions: Choose one type of ant to research more about. Fill in the information below.

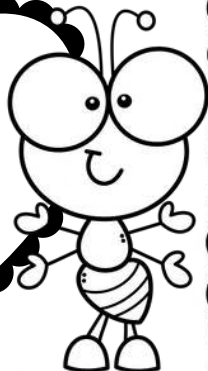
SPECIES:

Interesting Facts

Appearance

diet

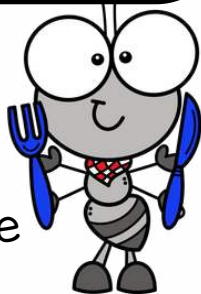
HABITAT



ALL ABOUT ANTS



LESSON PLAN



Day Four: What Ants Eat

Objective: The students will be able to identify what ants eat.

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LESSON PLAN: DAY FOUR

Introduction (5 minutes):

*Teacher Says: So far, we have learned about what ants look like, where they live and different types of ants. What do you remember about what we've learned about so far?

*Today, we are going to explore more about what ants eat. Make a prediction: What do you think ants eat? How do you think they get their food?

*Ants eat many different foods! Most ants love sweet food with sugar, honey nectar and fruit. Ants will eat dead insects for protein and meat scraps. They also can eat seeds, leaves, and other plants.

ALL ABOUT ANTS

Lesson (15 minutes):

*The students will watch the video, "How Do Ants Find Food?" -

<https://www.youtube.com/watch?v=2IVb2Atu3Jc>

*After the video, tell the students to share with their small groups two things they learned from the video. Then, in their groups or with a partner, students will complete the "Diet Unscramble" worksheet attached below. Each word is associated with a food that an ant might eat.

Independent Work (10 minutes)

*The students will independently complete the "Ant Quick Check" comprehension questions below to assess for understanding from the lesson.

Closing (5 minutes)

*The teacher will give the students a sticky note or index card. Tell the students to write three things that ants eat. Then, write one question you still have about ants!

ALL ABOUT ANTS

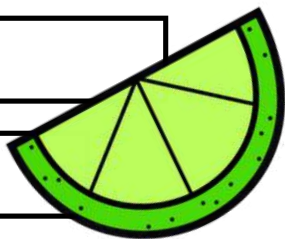
DIET UNSCRAMBLE

Directions: Unscramble each word associated with what ants eat.

L V E A S E

S U A R G

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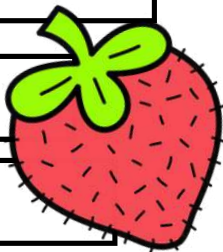


H Y O N E

N C T E A R

S D E E S

P N L A T S



P T R O E I N

ALL ABOUT ANTS

ANT QUICK CHECK

1. What do ants usually eat?

2. How do ants get their food?

3. How is an ant's diet similar to yours?

ALL ABOUT ANTS

LESSON PLAN



Day Five: Ant Behaviors and Jobs

Objective: The students will be able to describe various jobs and behaviors of ants.

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LESSON PLAN: DAY FIVE

Introduction (5 minutes):

*Teacher Says: Ants have many important jobs! We know that ants live in groups called colonies. For colonies to run smoothly, each ant has a specific and unique role to play. There are four main jobs of ants - the queen ant, worker ants, soldier ants and male ants. What do you think each of these ants do for the colony?

*The queen ant is in charge! She is the mother of the entire colony and lays eggs. The worker ants are the ants that come out of the nest scavenging for food. They also build tunnels and care for the babies.

ALL ABOUT ANTS

Lesson (15 minutes):

- *The soldier ant defends the nest. Lastly, male ants are mating ants! They mate with the queen so that she can lay eggs.
- *The teacher will read, "Ants" from National Geographic Kids. Questions to ask during/after reading - What are different jobs in the colony? How do ants communicate with each other? How do ants help the colony survive? If you were an ant, what job would you want to have?
- *The teacher will guide the students in completing the "Ant Behaviors" graphic organizer activity worksheet.

Independent Work (15 minutes)

- *The students will independently complete the "Ant Jobs Match Up" activity sheet attached below.

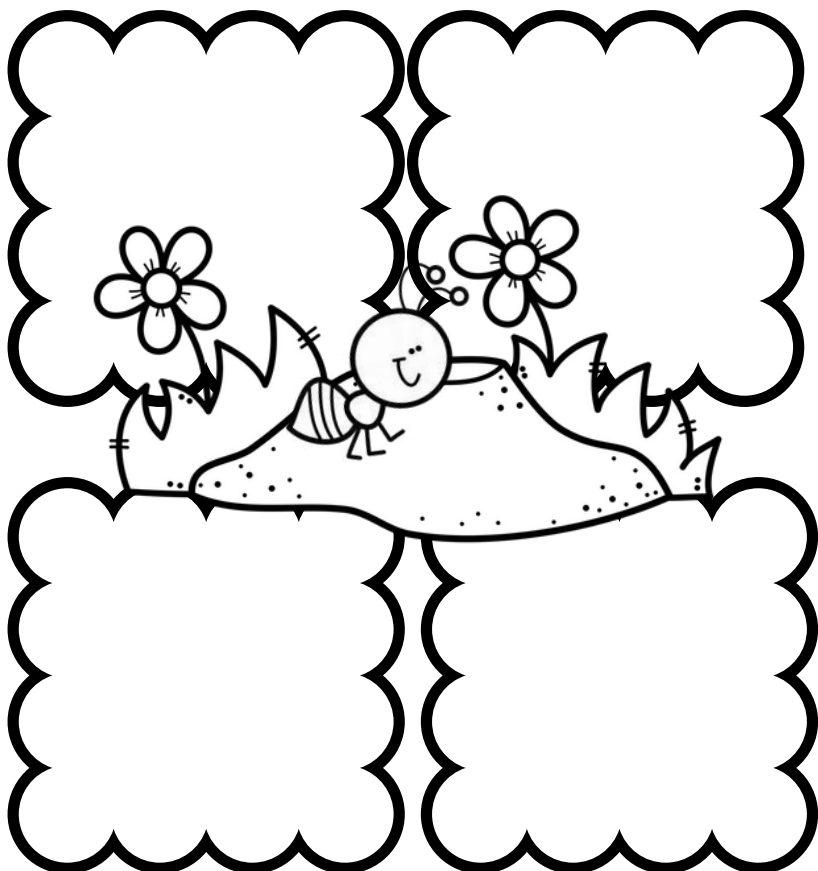
Closing (5 minutes)

- *Ask: What was your favorite part about our unit and the most interesting thing you learned about ants?

ALL ABOUT ANTS

ANT BEHAVIORS!

Directions: In the boxes below, record different ways ants behave and communicate.

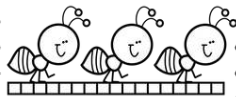


ALL ABOUT ANTS

ANT JOBS MATCH UP



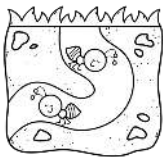
queen ant



worker ant



soldier ant



male ants

larger ants
that defend
the ant nest

mother of
the colony,
lays eggs

an ant that
mates with
the queen

collects food,
cares for
babies, builds
tunnels