

Needs of Living Things

K.2.1 Pre Field Trip Activity

Activity Information

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Recommended Audience: Kindergarten students

Activity Duration: Two ten minute sessions

Activity Location: In a classroom.

Activity Description: Students will begin to understand that all animals, plants and people need the same kinds of things to survive, even if they look different.

Theme: All living things need food, water, shelter and space.

Path to Championship: This programs aims to help students increase their environmental literacy. Children this age are likely at the beginning of their journey to being a champion for wildlife. This activity does directly tie into Utah's Hogle Zoo's goal of reaching 300,000 students.

Learning Objectives: By the end of this lesson students will be understand that all people, plants and animals need food, water, shelter and space as is found in standard K.2.1.

Evaluation:

A formative evaluation should be done during the activity and some questions to gage student understanding are included in the instructions for this activity.

A summative evaluation would be making sure students are able to complete the included worksheet.

Activity Preparation

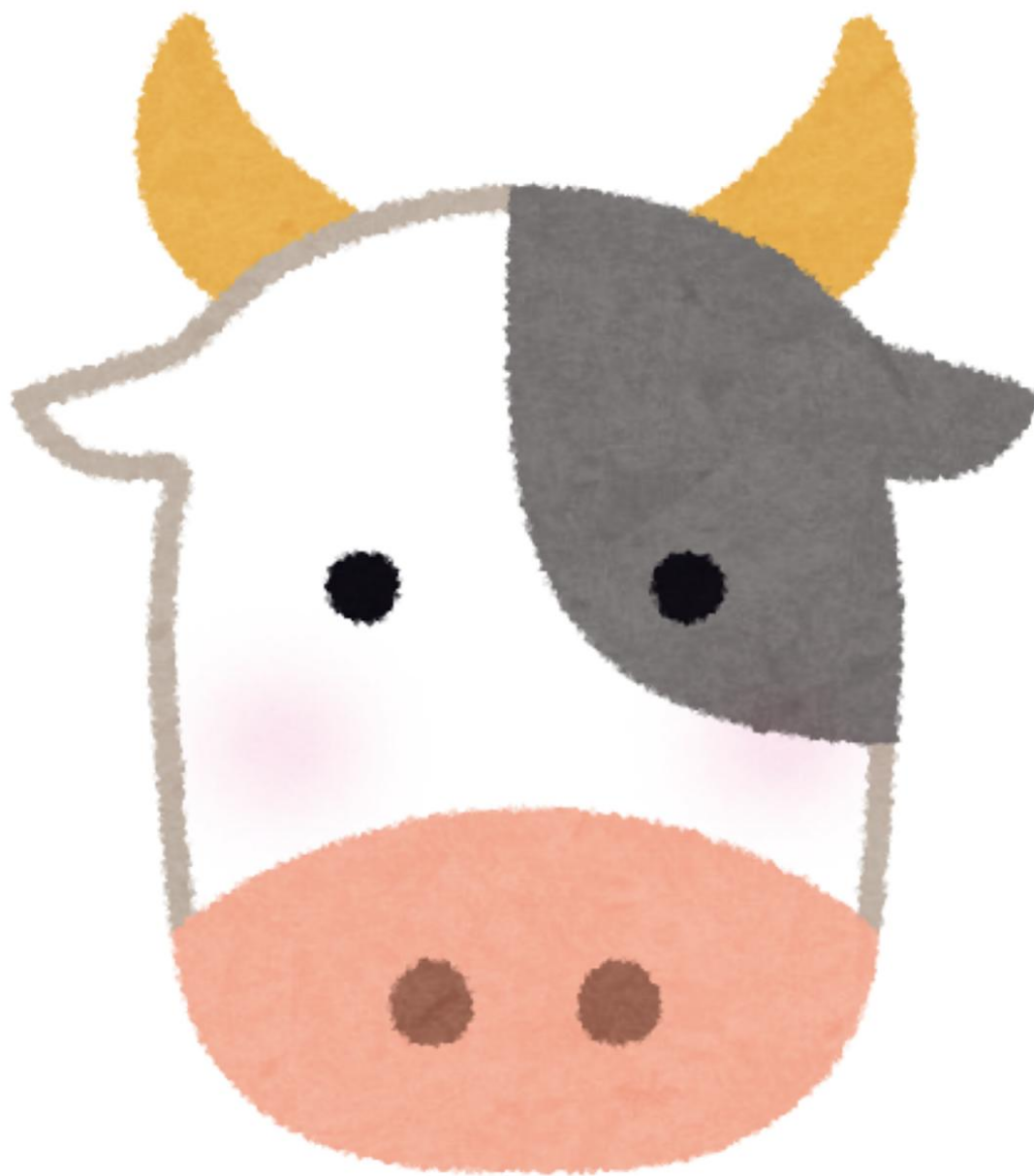
Supplies List:

- General Supplies
 - Cow card
 - Tree Card
 - Lion card
 - Worksheets
 - Pencils
 - Crayons
 - Clipboards

Activity Procedure

1. Ask students what they think they need to live.
 - Focus on lumping answers into food, water, shelter and space. Things that don't fit could lead to a conversation about needs vs wants.
2. Explain to students that they, plants and animals need food, water, shelter and space in order to survive.
3. Have students practice hand motions to help them remember.
 - Food (touch their belly)
 - Water (pretend to hold a cup to their mouth)
 - Shelter (hands in a roof shape over their head)
 - Space (hold hands out about a shoulder width apart).
4. Play a game of having the students use the hand gesture to a need that you say and see how many students get it right. (Similar to the game Simon Says)
5. Ask students if they think food, water, shelter and space looks the same for them as it would a cow, tree, or lion?
6. Print the provided cards of a cow, tree and lion double sided. Show the students the picture while you read the provided information. When you get to the bolded words on each card have students do their sign for the type of need being talked about.
7. Have students complete the provided Food for Who hand out.
8. At home students will work with an adult to find something in their home that matches with each item on the scavenger hunt.
 - Alternatively, this can be done at school or while at the Zoo.

9. Have them draw a picture or work with an adult to write words to describe what they found?
10. Have students share something that they found that would give them, a plant or animal something it needs to survive.



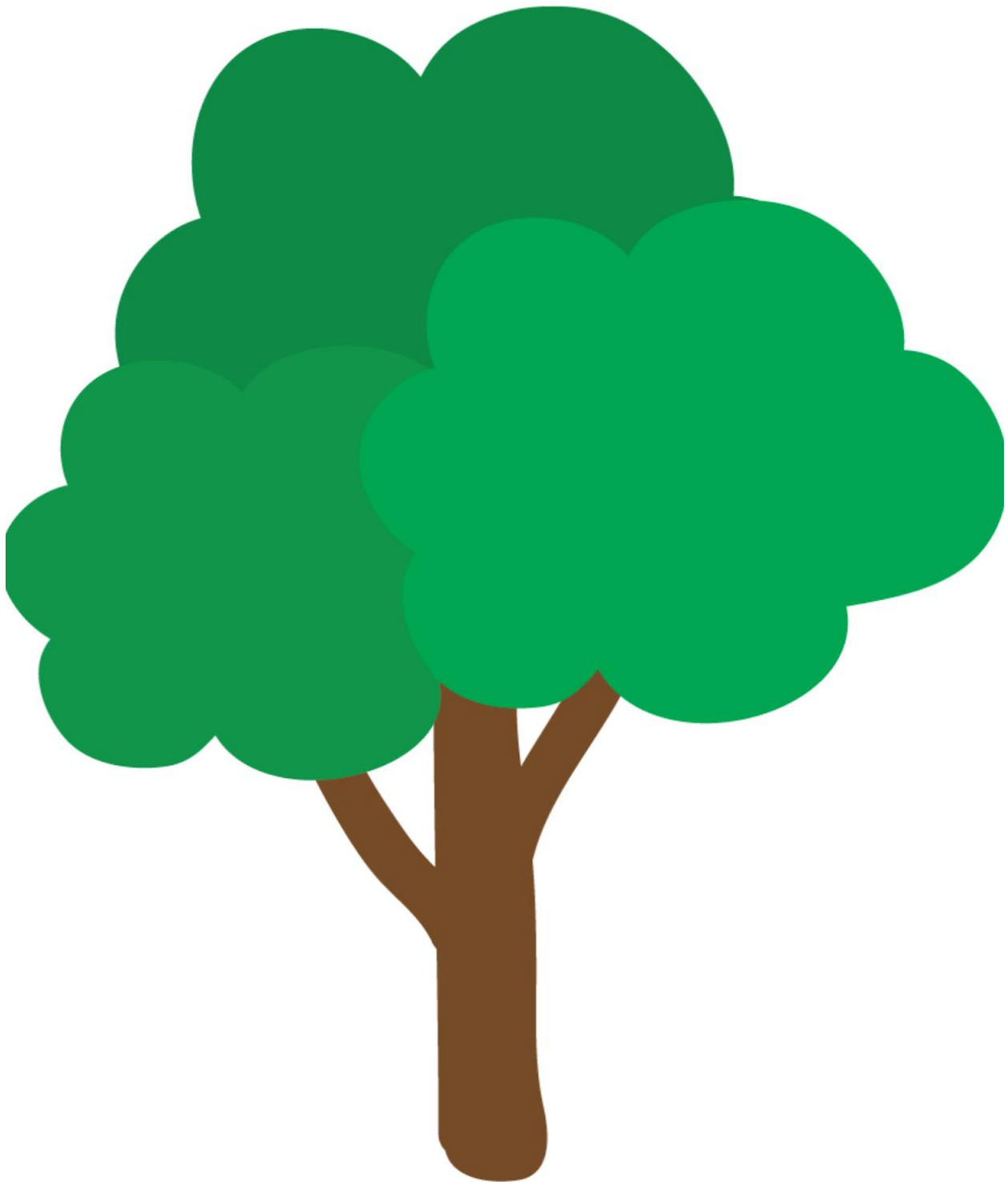
COW

My favorite **FOOD** are plants. I really love to eat grass and hay.

The farmer gives me **WATER** in a trough.

The cozy barn gives me **SHELTER** when it is wet and cold.

The farm and pastures where I get my **FOOD** are all the **SPACE** I need.



TREE

I might not have a mouth, but I still
need **FOOD**, the sun in the sky and
the minerals in the ground give what I
need to grow.

Under the ground my roots get
WATER after it rains.

I start as a seed underground,
SHELTER from things that might want
to eat a seed. When I am big I give
SHELTER to others.

As I grow I can get really really big. It
is important that I grow somewhere
with enough **SPACE** for my branches
to reach out.



LION

The only **FOOD** I can eat is meat.
Plants would make me sick.

It can be hard to find **WATER** on the savanna, so I need to know where watering holes, ponds and streams are.

Trees, bushes and rocks are all places I might find **SHELTER** to take a cat nap.

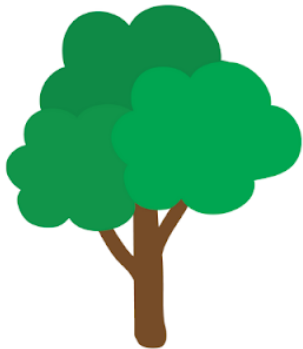
I live with a family called a pride and we live on the savanna so we can get our **SPACE**.

Name: _____

Class: _____

Food for Who

Direction: Match the picture with what it would eat



Name: _____

Habitat Scavenger Hunt

As you saw on your field trip, plants, animals and people all need food, water, shelter and space in their habitat. Parents, help your child find these things in and around your home. Once you find them, draw a picture of what you discover.

Find a sunny spot where plants can get food.

Find a place that could be shelter for a bug.

Find a place where you can get water.

Find a place that has the space you need.