

## Inquiry Buddies Ecosystems

### 1. Day 1 - Man made forest

#### Kindy Task

- Collect artifacts that are natural and human made. Sort items into groups.
- Talk about how these items were sorted.
- Look at items through microscope.
- Talk about how they be resorted.
- Document through Seesaw.

#### Grade 6/7 Task

- Collect samples of biotic and abiotic life.
- Identify criteria that you could use to organize your samples.
- Now look at your samples under the microscope and come up with a new way to organize them based on what you see.
- organize your sample.
- Document your strategies and why you chose those criteria.

### Day 2 - Natural Forest Ecosystems

#### Kindy Task

- Collect artifacts that are natural and human made. Sort items into groups.
- Talk about how these items were sorted.
- Look at items through microscope.
- Talk about how they be re-sorted.
- Document through Seesaw.
- Talk about how the items from Day 1 are the same/different from items in Day 2

#### Grade 6/7 Task

- Collect samples of biotic and abiotic life.
- Identify criteria that you could use to organize your samples.
- Now look at your samples under the microscope and come up with a new way to organize them based on what you see.
- organize your sample.
- Document your strategies and why you chose those criteria.
- How are the two ecosystems the same? How are they different?

### Day 3 - Wetland Ecosystems

#### Kindy Task

- Collect artifacts that are natural and human made. Sort items into groups.
- Talk about how these items were sorted.
- Look at items through microscope.
- Talk about how they be resorted.
- Document through Seesaw.

- Talk about how the items from Day 3 are the same/different from items in Day 1 & 2

#### Grade 6/7 Task

- Collect samples of biotic and abiotic life.
- Identify criteria that you could use to organize your samples.
- Now look at your samples under the microscope and come up with a new way to organize them based on what you see.
- organize your sample.
- Document your strategies and why you chose those criteria.
- How are the three ecosystems the same? How are they different?

#### Day 4 - Soccer field/schoolyard

##### Kindy Task

- Collect artifacts that are natural and human made. Sort items into groups.
- Talk about how these items were sorted.
- Look at items through microscope.
- Talk about how they be resorted.
- Document through Seesaw.
- Talk about how the items from Day 3 are the same/different from items in Day 1 & 2

#### Grade 6/7 Task

- Collect samples of biotic and abiotic life.
- Identify criteria that you could use to organize your samples.
- Now look at your samples under the microscope and come up with a new way to organize them based on what you see.
- organize your sample.
- Document your strategies and why you chose those criteria.
- How are the three ecosystems the same? How are they different?

#### Day 5 - Community Design Task

##### Kindy Task

- Design a park that will to include items that will make it more environmentally friendly.

#### Grade 6/7 Task

- Design a community to try to maximize biomass and biodiversity.