

Student Work

Grade 2 STEM Lesson

Group 1

Butterfly

Group 1 Butterly (Drought)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 1 Butterfly (Drought)

LIVING THINGS: HABITATS AND ADAPTATIONS

#1

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	Flowers food Shelter	drought	my Butterfly has no water so it is dried out

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

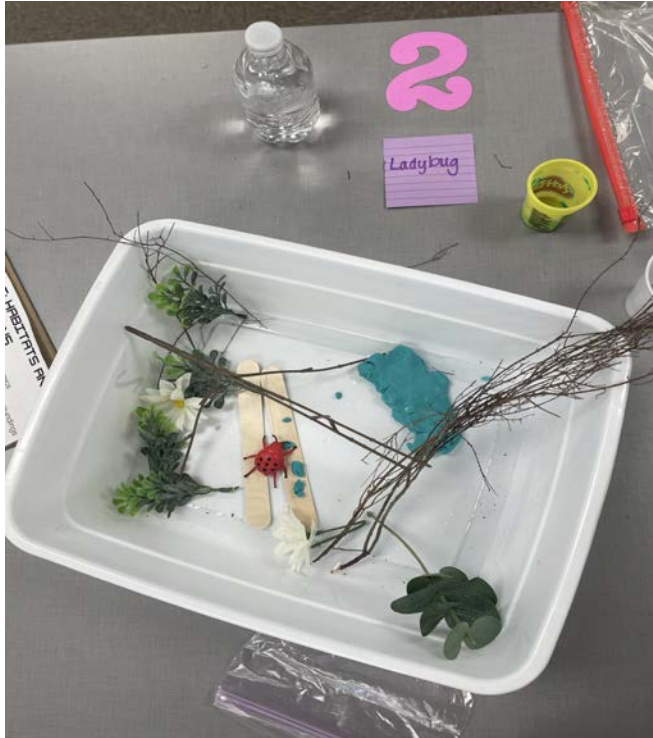
My Butterfly can drink the apple
juice and she can adapt it.

Group 2

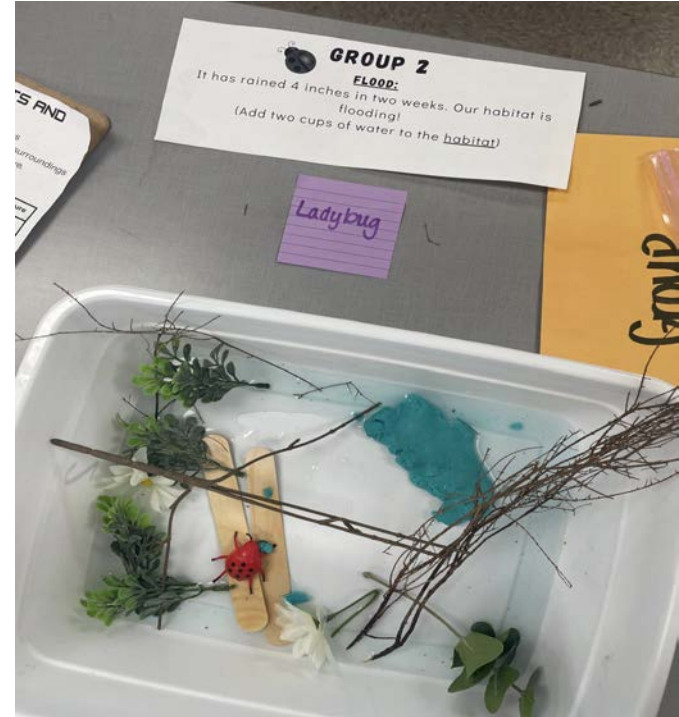
Ladybug

Group 2 Ladybug (Flood)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 2 Ladybug (Flood)

LIVING THINGS: HABITATS AND ADAPTATIONS

#2

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	Woods	Flood	Know Food Know Home

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

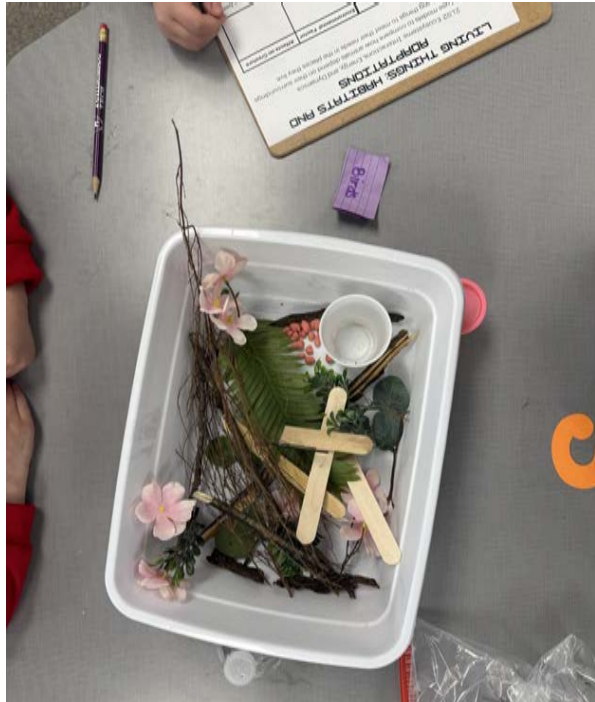
Stay in a piece of wood

Group 3

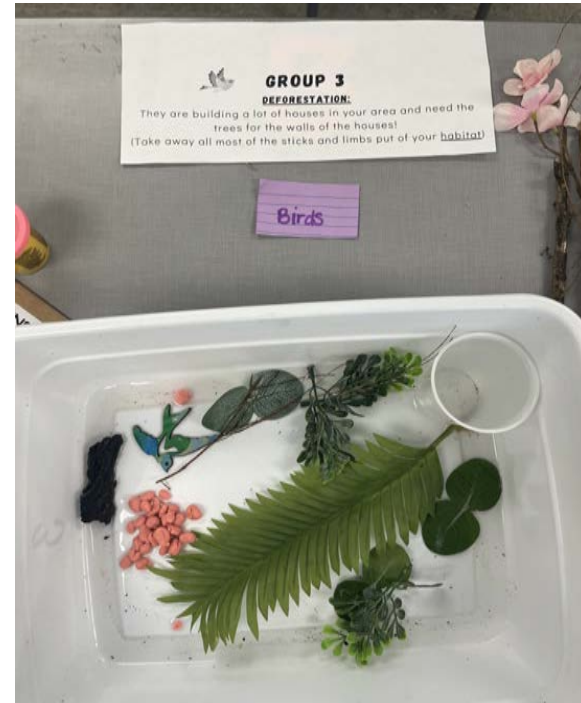
Bird

Group 3 Bird (Deforestation)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.




Group 3 Bird (Deforestation)

LIVING THINGS: HABITATS AND ADAPTATIONS

#3

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	forest	Deforestation	Does not have a home

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

More trees grow then it would have
a home or it would Die.

Group 4

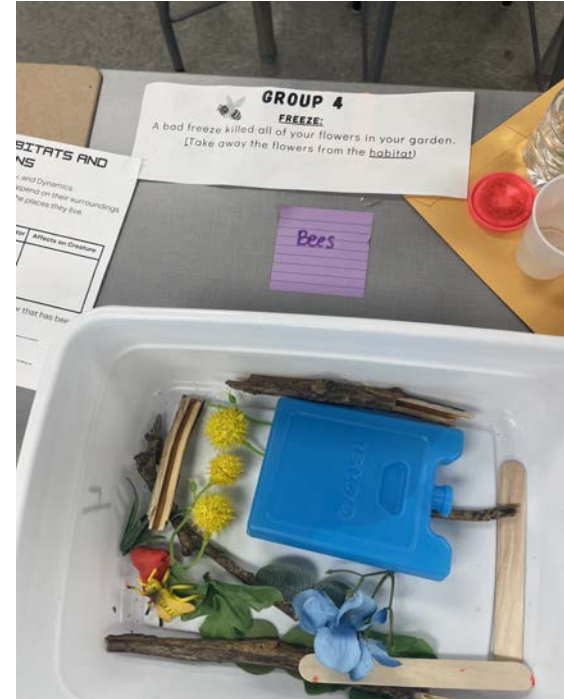
Bee

Group 4 Bee (Lack of flowers to pollinate)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 4 Bee (Lack of flowers to pollinate)

LIVING THINGS: HABITATS AND ADAPTATIONS

#4

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	bees	A bad Freeze kills all The Bees.	

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

Group 5

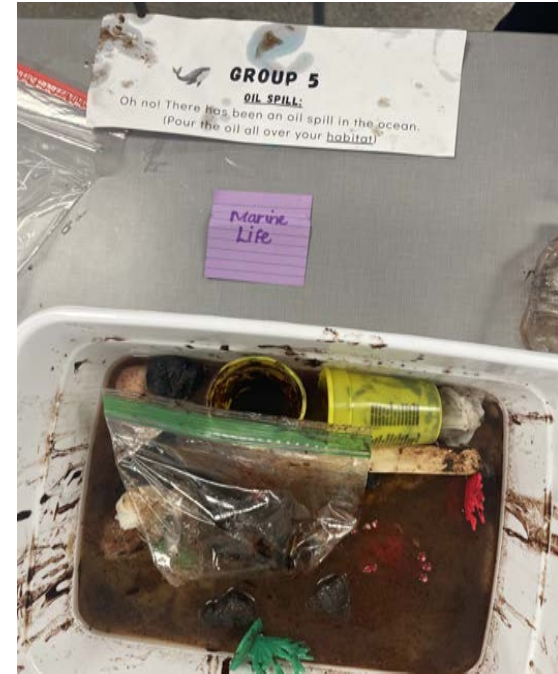
Marine Life

Group 5 Marine Life (Oil Spill)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.




Group 5 Marine Life (Oil Spill)

LIVING THINGS: HABITATS AND ADAPTATIONS

#5

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	Sea	Oil Spill	Oil Spill

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

Group 6

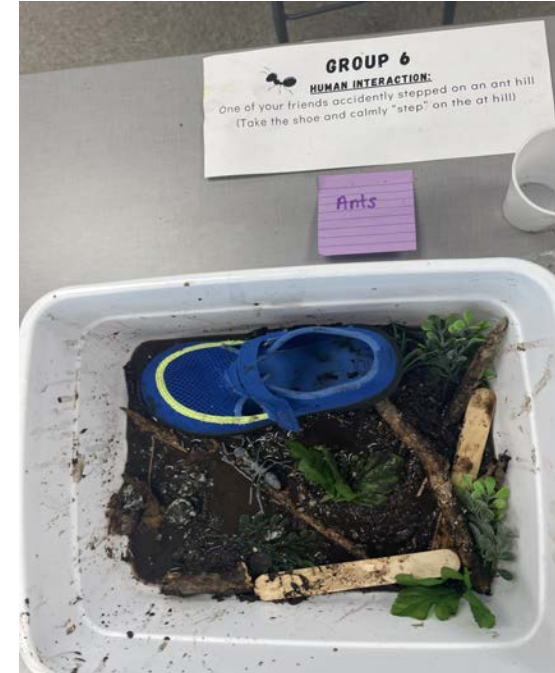
Ant

Group 6 Ant (Human interaction)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 6 Ant (Human interaction)

LIVING THINGS: HABITATS AND ADAPTATIONS

#6

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	dirt	a shoe	The eggs got stuck and the ant

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

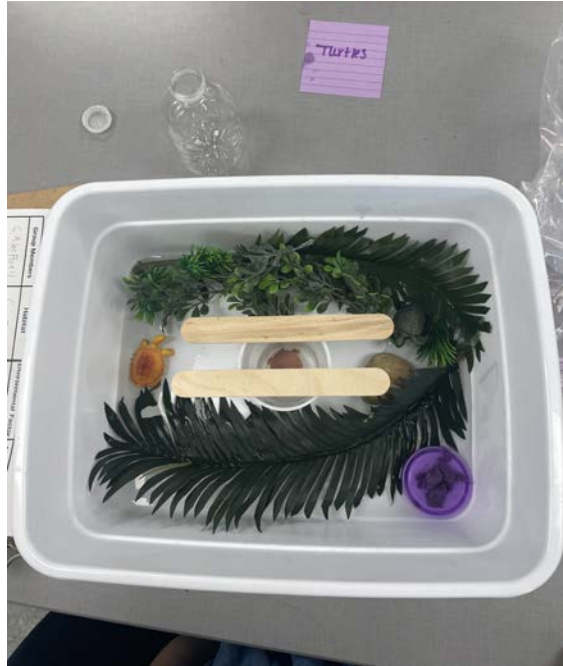
it would have gotten
on the shoe and have revenge

Group 7

Turtle

Group 7 Turtle (Pollution)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 7 Turtle (Pollution)

LIVING THINGS: HABITATS AND ADAPTATIONS

#7

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	fresh water	pollution trash	trash

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

the trash was too much for
the turtle so it died.

Group 8

Fly

Group 8 Fly (Predator-spiders)

Part 1 - Build an animal habitat.



Part 2 - Introduce environmental changes.



Group 8 Fly (Predator-spiders)

LIVING THINGS: HABITATS AND ADAPTATIONS #8

2.LS2: Ecosystems: Interactions, Energy, and Dynamics

- 1) Develop and use models to compare how animals depend on their surroundings and other living things to meet their needs in the places they live.

Group Members	Habitat	Environmental Factor	Affects on Creature
	forest	spider Attack	it got in to a rock

Explain how your creature could adapt to the environmental factor that has been introduced to your habitat.

there is holes in the spider web it
could fly out.

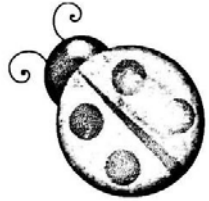
Independent Work: Exit Ticket Response Samples

Exit tickets are leveled and assigned based on students' abilities.

- Ladybug - Scaffolded with sentence frame
- Bee - On level
- Butterfly - Challenge

NOTE: Full list of student responses provided in separate document.

Ladybug Exit Ticket - Scaffolded



CREATURE TALK 101

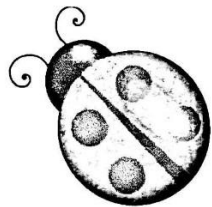
NAME: _____

If an insect or animal's habitat changes it

will Adapt.

because it needs food water to breath
and drink.

Ladybug Exit Ticket - Scaffolded



CREATURE TALK 101

NAME _____

If an insect or animal's habitat changes it

will it fly away

because a insect is trying
to kill it

Bee Exit Ticket - On level



CREATURE TALK 101

NAME _____

If an insect or animal's habitat changes, how will your creature adapt?

My creature will adapt by finding a new home.

Bee Exit Ticket - On level



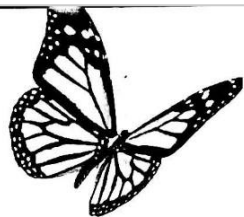
CREATURE TALK 101

NAME _____

If an insect or animal's habitat changes, how will your creature adapt?

I will take the insect and
keep it
(keep)

Butterfly Exit Ticket - Challenge



CREATURE TALK 101

NAME _____

What is another environmental factor that could threaten your habitat? How could that affect your creature?

A flood could happen its wings could get wet

And catch it to get eaten.

Butterfly Exit Ticket - Challenge



CREATURE TALK 101

NAME _____

What is another environmental factor that could threaten your habitat? How could that affect your creature?

Plastic can wrap around its
neck and choke it.