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- Desert
- Rainforest
- Tundra
- Temperate Forest



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Based on the chart below, which two birds get their energy from plants only?

- Eastern Bluebird & Lesser Goldfinch
- Purple Martin & Yellow Warbler
- American Goldfinch & Eastern Bluebird
- American Goldfinch & Lesser Goldfinch

Preferred Diets of Birds

Type of Bird	Preferred Diet
American goldfinch	Seeds from grasses and wildflowers
Eastern bluebird	A large variety of insects
Lesser goldfinch	Seeds from sunflower plants
Purple martin	Winged insects
Yellow warbler	Caterpillars, moths, mosquitoes, and beetles

Which fact (s) about the Cattle Egret demonstrate how it depends on other organisms to survive

- Fact 1
- Fact 2
- Fact 3
- Fact 4

Cattle Egrets

1. They have yellow bills and light-orange legs.
2. They make nests in trees away from predators.
3. They eat ticks off cattle while the cattle graze.
4. They are often found in the same fields as cattle.



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Look at the chart. Explain why you did not choose the other birds.

Bird Name	Reason for not choosing
1. _____	_____

2. _____	_____

3. _____	_____

4. _____	_____
















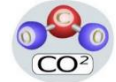
Look at the chart. Explain why you did not choose the other facts.

Fact number	Reason for not choosing the fact
1. _____	_____

2. _____	_____

3. _____	_____

4. _____	_____

BIRD 	FLOWER 	BABY 	TREE 
ROCK 	PUPPY 	SOIL 	HUMANS 
SUNLIGHT 	ANT 	OXYGEN 	FISH 
BEAR 	WATER 	SHARK 	CARBON DIOXIDE 
Energy Type of interaction/need	Shelter Type of interaction/need	Nutrients Type of interaction/need	Respiration Type of interaction/need

Cut out the pictures to use with the interaction strips.

Interaction strips

Living

Need

Non-Living

interaction

Living

Need

Non-Living

interaction

Interaction strips

Living

Need

Living

interaction

Living

Need

Living

interaction

**Did you know that living and non-living things interact in environments?
How many different interactions can you discover?**

1. Select an interaction strip. There are two kinds of strips. One shows interactions between **living** and **nonliving**. Another one shows interactions between **living** and **living**.
2. Look at the picture of the living and nonliving things.
3. Place one living picture on the side that is labeled living.
4. Look at the types of interactions. (Energy, shelter, respiration, nutrients)
5. Select one and place it in the center of the strip.
6. Complete the interaction by adding another picture that makes it accurate.
7. Say. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).
8. Write your interaction on the student sheet.

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Name _____ Date _____

Student Interaction Sheet

1. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).
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12. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).
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14. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).
15. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

Name _____ Date _____

Student Interaction Sheet

16. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

17. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

18. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

19. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

20. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

21. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

22. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

23. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

24. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

25. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

26. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

27. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

28. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

29. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

30. The _____ is a living organism. It interacts with the _____ (living or non-living) for _____ (need).

Which of these does NOT demonstrate two living things interacting with each other?

- A Bee gets pollen from a flower
- A small bird picks scraps out of an alligators teeth
- A cow eats grass
- A deer drinks water



Which Non-Living things does this bird need to survive

- Sunlight
- Other Animals
- Trees
- Water
- Humans
- Rocks
- Carbon-Dioxide
- Oxygen



Which Living things does this bird need to survive

- Sunlight
- Other Animals
- Trees
- Water
- Humans
- Rocks
- Carbon-Dioxide
- Oxygen



Which Non- Living things does this tree need to survive

- Sunlight
- Other Animals
- Trees
- Water
- Humans
- Rocks
- Carbon-Dioxide
- Oxygen



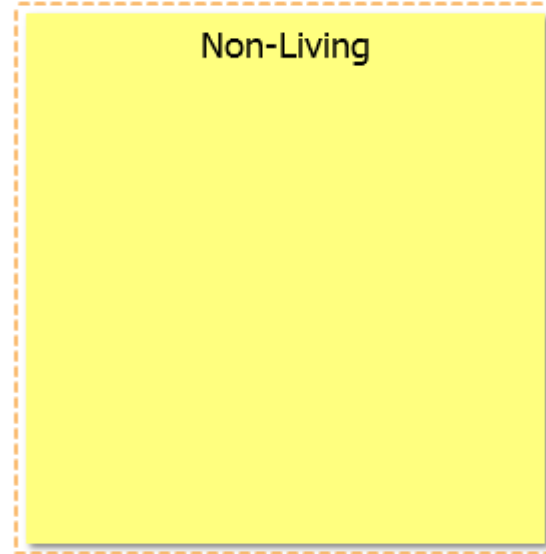
Which Living things does this tree need to survive

- Sunlight
- Other Animals
- Trees
- Water
- Humans
- Rocks
- Carbon-Dioxide
- Oxygen



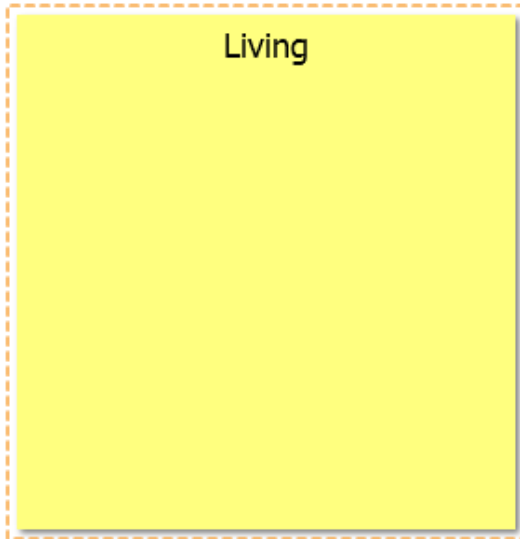
Name or list as many Nonliving things as you can in two minutes.

Non-Living



Name or list as many living things as you can in two minutes.

Living



Look at the list of items. Can you classify them based on living or nonliving?

Tree	Air	Animals
Grass	Sunlight	Water