

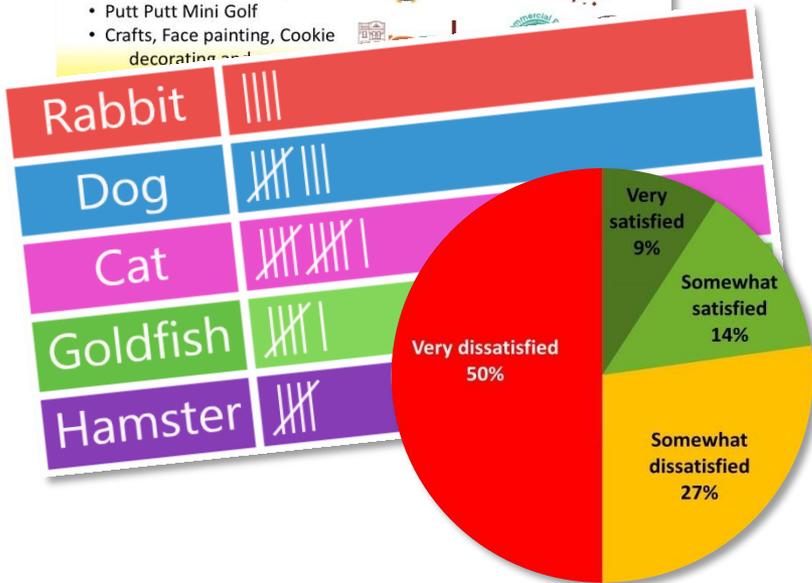


interpreting

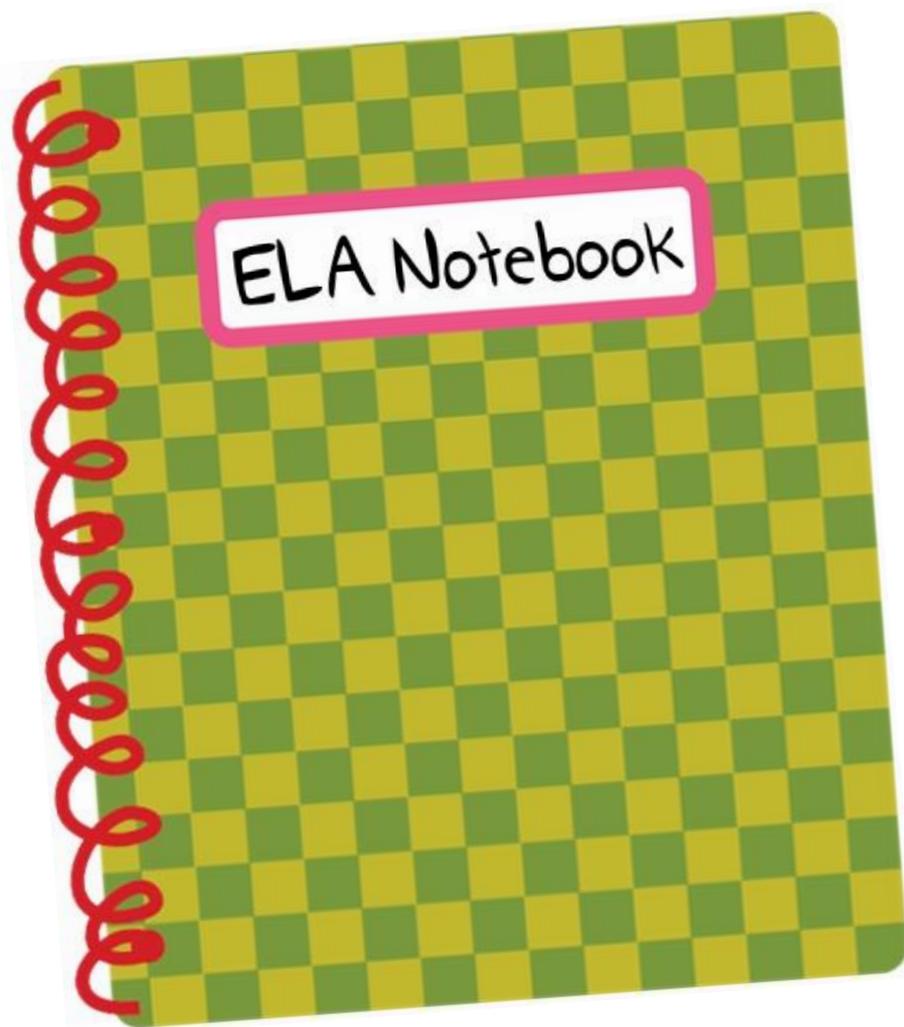
incredible

information

USING A VARIETY
of SOURCES



SLASH NOTEBOOK



Bring your spiral to class
each week.

Everything we do will go into
your notebook!

*Always bring a
pencil too!*





today we will

use multiple sources to interpret information
and support a claim.

When we answer questions completely,
we do 2 things...

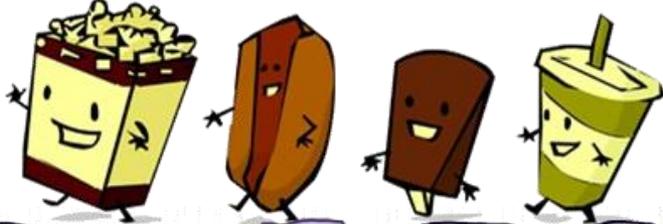
1. Make a **claim**.
2. **Cite evidence** from a source to prove our claim is correct.



Make a claim

Claims are statements that...

- explain the main point of an argument.
- answer a question.
- must be accurate, specific, and proven with evidence.



MOVIE TIME!



Give me a ✓
when you are
done watching.

While you watch, think about:

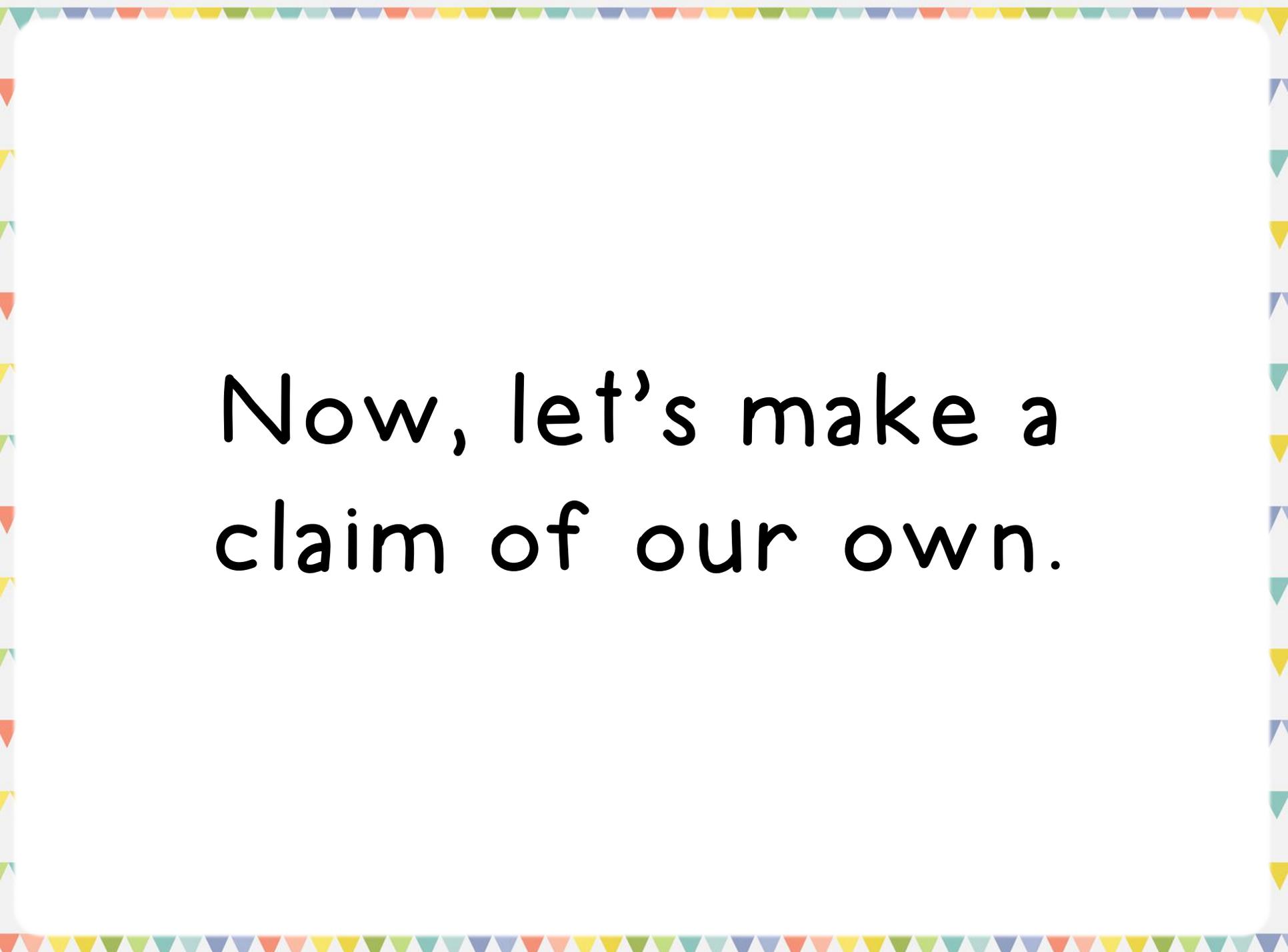
- What is this girl's **claim**?
- What **evidence** does she use to support her claim?



**Evidence
Board**

What is this girl's claim?

What evidence supports her claim?



Now, let's make a
claim of our own.

THINKING CAP ZONE



Phases of the Moon



This diagram shows the phases of the moon, from a new moon, which you can hardly see at all, round to a full moon and back again in just over four weeks. Follow the phases in an counter clockwise direction (the opposite way from how the hands of a clock move).

What's your claim?

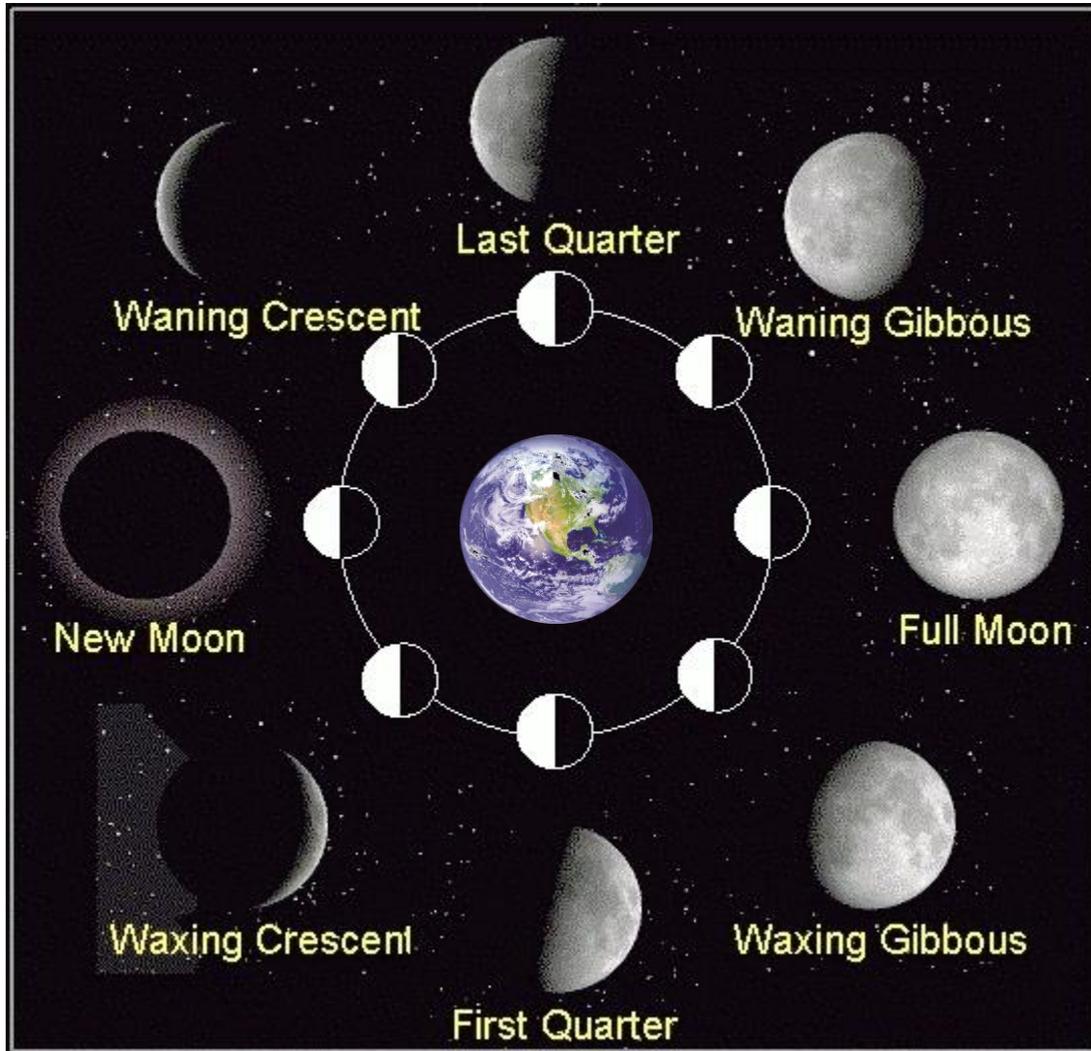
The Earth travels around the moon and that is why we have moon phases.

✓ True

✗ False

Where's the evidence?

Phases of the Moon



This diagram shows the phases of the moon, from a new moon, which you can hardly see at all, round to a full moon and back again in just over four weeks. Follow the phases in an counter clockwise direction (the opposite way from how the hands of a clock move).

What's your claim?

QUESTION:

About how long does it take the moon to complete one cycle?

Where's the evidence?

Phases of the Moon



This diagram shows the phases of the moon, from a new moon, which you can hardly see at all, round to a full moon and back again in just over four weeks. Follow the phases in an counter clockwise direction (the opposite way from how the hands of a clock move).

What's your claim?

Which is the better estimate of how long it takes the moon to orbit the Earth?

✓ 1 day ✗ 1 month

Where's the evidence?

Phases of the Moon



QUESTION:

During which moon phase can we see all of the moon from Earth?

- A. Last Quarter
- B. New Moon
- C. Crescent
- D. Full Moon

What's your claim?

Where's the evidence?

EARTH



Earth, our home planet, is the only planet in its solar system known to harbor life. All of the things we need to survive are provided under a thin layer of atmosphere that separates us from the uninhabitable void of space.

Earth is made up of complex, interactive systems that are often unpredictable. Air, water, land, and life combine forces to create a constantly changing world.

QUESTION:

What makes Earth different than other planets in our solar system?

EARTH



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**What's
your
claim?**

QUESTION:

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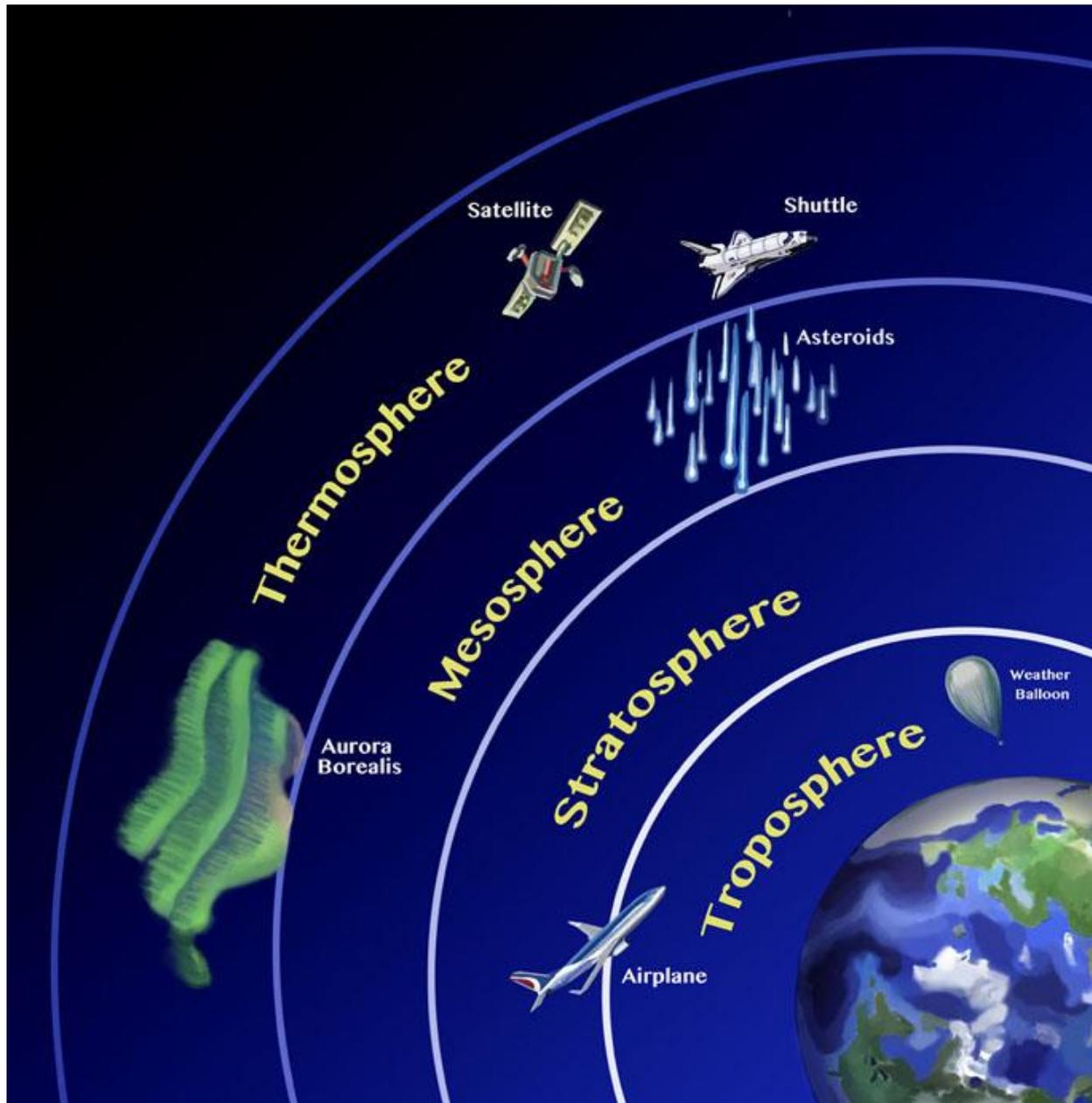
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**Where's
the
evidence?**

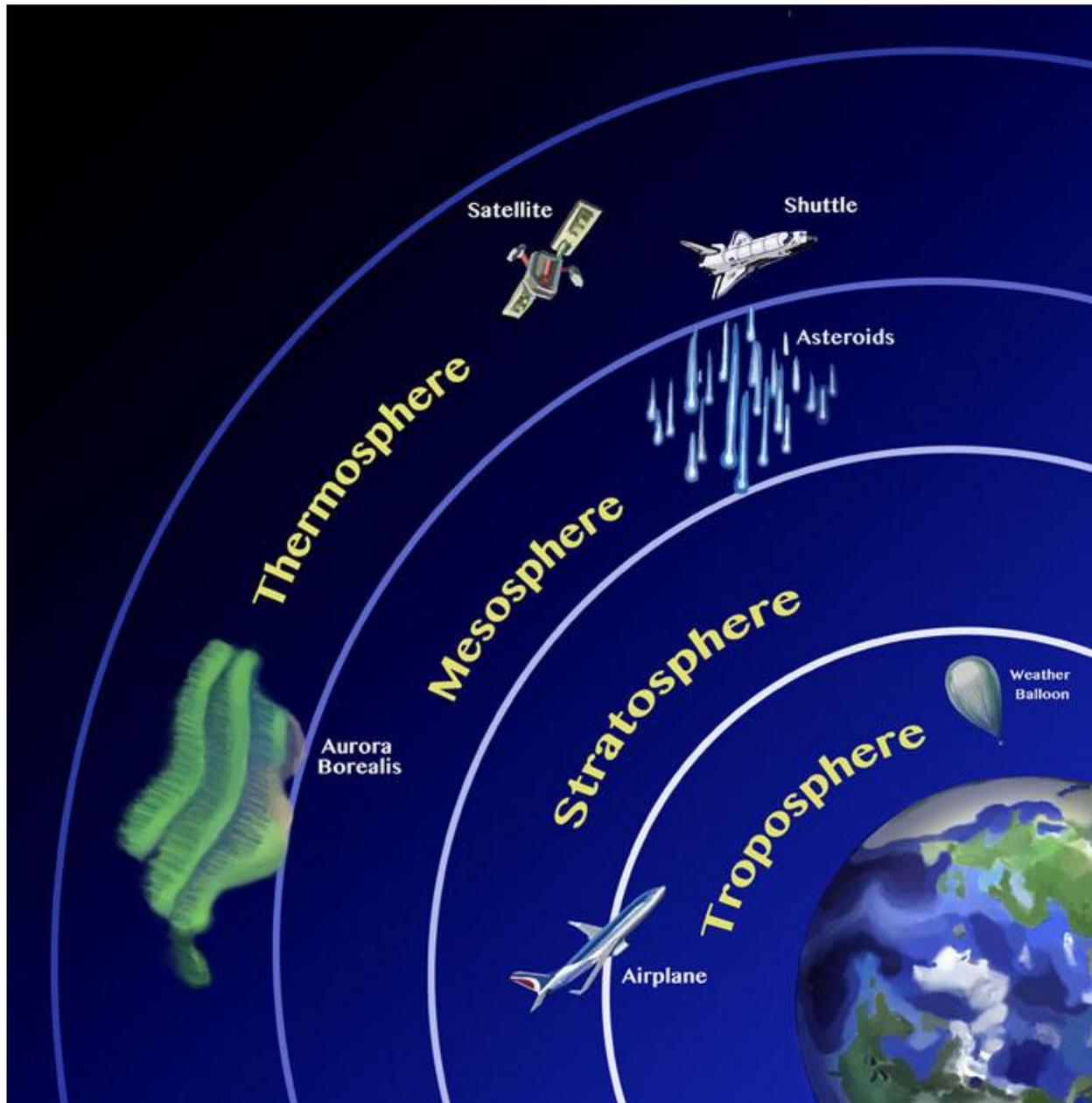


The earth's **atmosphere** is divided into 4 primary layers.

What are they?



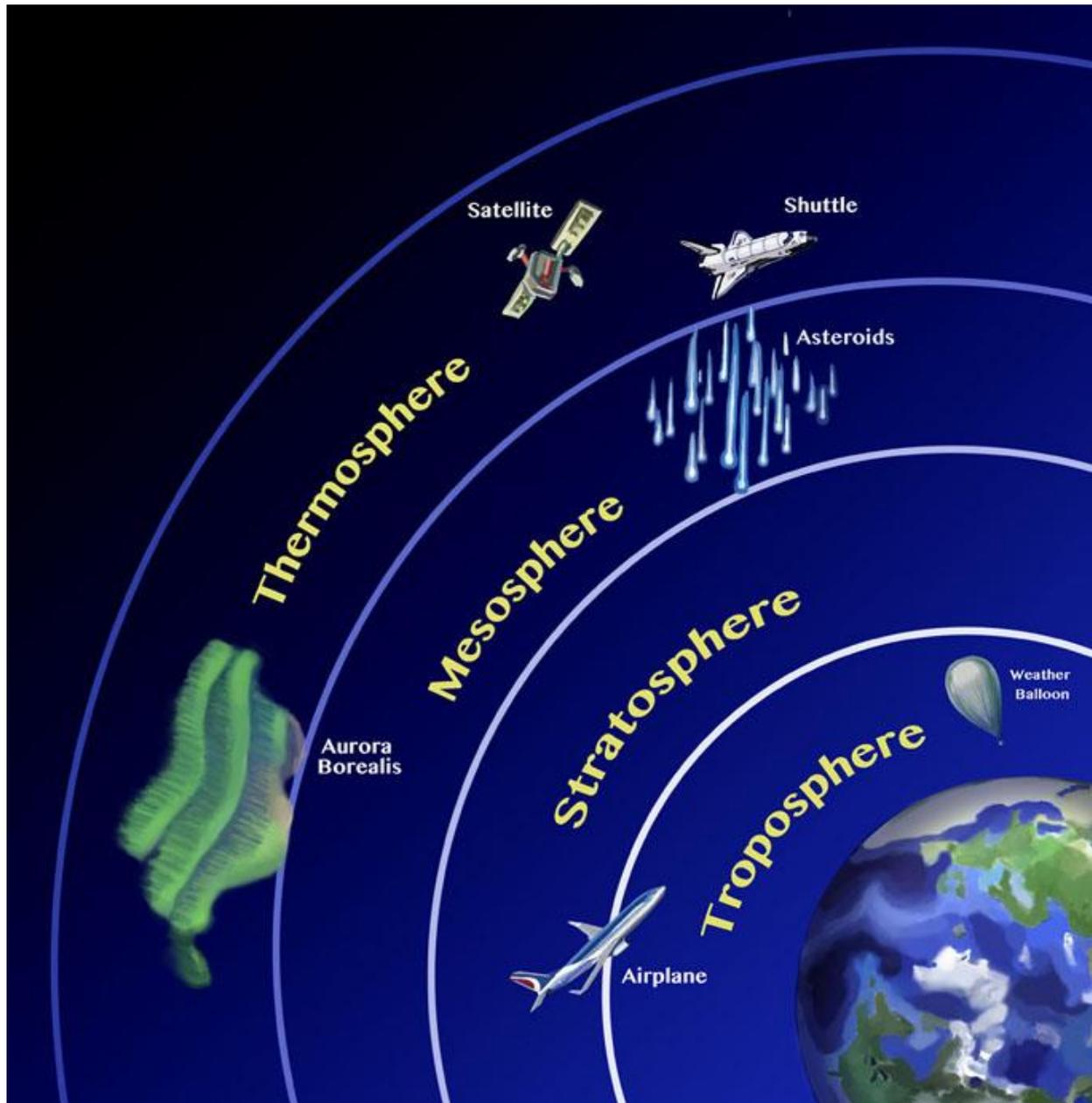
Raise your hand if you would like to share on your microphone.



QUESTION:

What is the lowest region of the atmosphere, extending from the earth's surface to a height of about 3.7–6.2 miles into space?

What's
your
claim?



QUESTION:

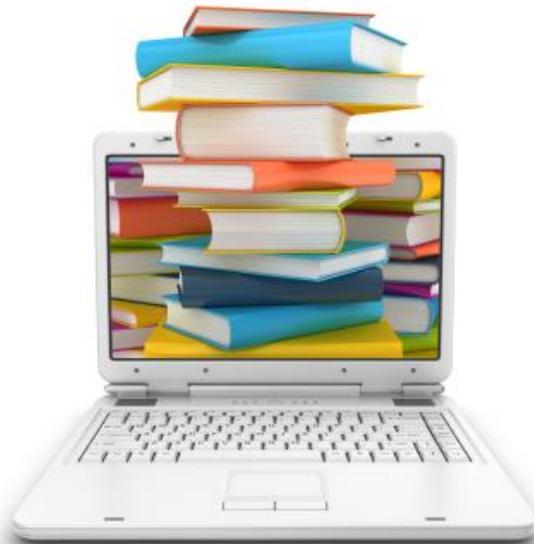
What is the lowest region of the atmosphere, extending from the earth's surface to a height of about 3.7–6.2 miles into space?

Where's the evidence?



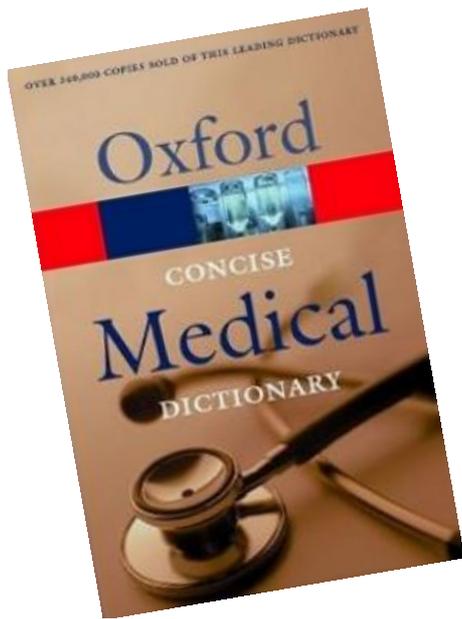
Let's cite..
MULTIPLE
SOURCES!

What are
multiple sources?



What are multiple sources?

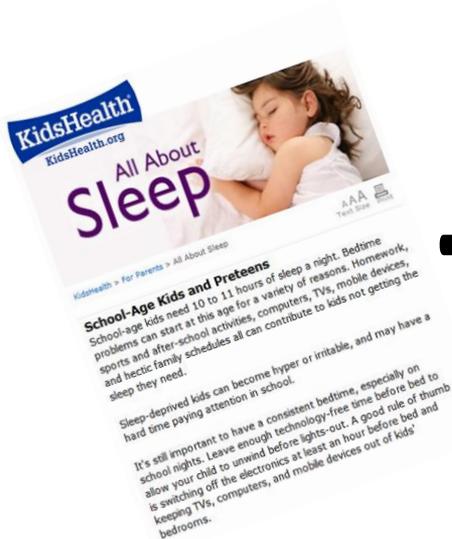
Gathering information from
more than one source.



What are multiple sources?



Finding evidence using multiple sources will help to prove your claim is correct.



+



+



All About Sleep



KidsHealth > For Parents > All About Sleep

Rupal Christine Gupta, MD

AAA
Text Size Print

School-Age Kids and Preteens

School-age kids need 10 to 11 hours of sleep a night. Bedtime problems can start at this age for a variety of reasons. Homework, sports and after-school activities, computers, TVs, mobile devices, and hectic family schedules all can contribute to kids not getting the sleep they need.

Sleep-deprived kids can become hyper or irritable, and may have a hard time paying attention in school.

It's still important to have a consistent bedtime, especially on school nights. Leave enough technology-free time before bed to allow your child to unwind before lights-out. A good rule of thumb is switching off the electronics at least an hour before bed and keeping TVs, computers, and mobile devices out of kids' bedrooms.

QUESTION:

Is it important for school age children to get a good night's sleep?

Recommended hours of sleep

Age	Hours
65+	7-8
18-64	7-9
14-17	8-10
6-13	9-11
3-5	10-13
1-2	11-14

Source: National Sleep Foundation

All About Sleep



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Don't forget to cite all of your sources.

- Where is it from?
- Who wrote it?

Recommended hours of sleep

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According to Dr. Gupta
at KidsHealth.org...



[KidsHealth](#) > [For Parents](#) > [All About Sleep](#)

AAA
Text Size  Print

→ [Rupal Christine Gupta, MD](#)

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The Kids Health article titled "All About Sleep" clearly states...



KidsHealth > For Parents > All About Sleep

Text Size Print

Rupal Christine Gupta, MD

School-Age Kids and Preteens

School-age kids need 10 to 11 hours of sleep a night. Bedtime problems can start at this age for a variety of reasons. Homework, sports and after-school activities, computers, TVs, mobile devices, and hectic family schedules all can contribute to kids not getting the sleep they need.

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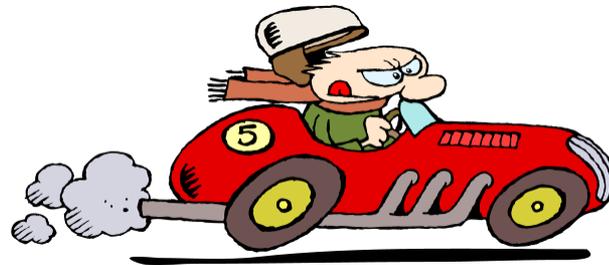
Based on the information provided by the National Sleep Foundation...



WHEN ANSWERING OPEN-ENDED QUESTIONS, ALWAYS USE

R.**A**.**C**.**E**.

RESTATE ANSWER CITE EXPLAIN



R

RESTATE THE QUESTION

Restate or reword the question and turn it into a statement.



A

ANSWER THE QUESTION

What is being asked?

What is your **claim**? ←

C

CITE THE EVIDENCE (Source)

Tell where you found examples and details.

The timeline shows... The article states... According to...

E

EXPLAIN your response. Provide evidence to support your answer. Add your thoughts.

For example... This proves... This means... I believe...

EVIDENCE-BASED RESPONSE SCORING RUBRIC

A 25 point response includes all of the components listed below (0-5 points each).

R The question is clearly **RESTATED** in the response.

A The question is **ANSWERED** fully and correctly, showing that the writer knows what is being asked.

C One or more **examples from the source** are provided. Examples are relevant to the question and they fully support the answer. Location of information is clearly **CITED**.

E The response includes reasoning, an **EXPLANATION**, student commentary, and/or inferencing which strongly support the answer.

GRAMMAR & MECHANICS (GUM)

There is clear evidence that the response has been re-read, revised, and edited. **No errors exist in spelling, grammar, punctuation, capitalization, and sentence structure.**

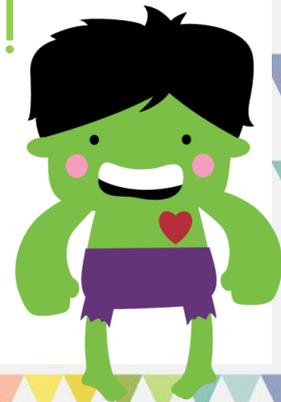
1 Tell where you found the evidence.

- According to Dr. Gupta at KidsHealth.org...
- Based on the information provided by the National Sleep Foundation...
- The "Healthy Sleep" video mentions...

C One or more **examples from the source** are provided. Examples are relevant to the question and they fully support the answer. Location of information is clearly **CITED**.

HULK IT UP!

2 Add evidence, facts & examples from the source to support your claim.



EVIDENCE-BASED RESPONSE SCORING RUBRIC

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QUESTION:

Is it important for school age children to get a good night's sleep?

R

A Yes, it is important for school age children to get a good night's sleep. Based on the chart provided by the National Sleep Foundation, children between the ages of 6-13 need approximately 9-11 hours of sleep a night. The "All About Sleep" article from Kids Health states that "sleep-deprived kids can become hyper or irritable, and may have a hard time paying attention in school." This information leads me to believe that sleep is very important. School age children need a good night's sleep so they can be happy and productive during the day. **E**

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A 25 point response includes all of the components listed below (0-5 points each).

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A The question is **ANSWERED** fully and correctly, showing that the writer knows what is being asked.

C One or more **examples from the source** are provided. Examples are relevant to the question and they fully support the answer. Location of information is clearly **CITED**.

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QUESTION:

Is it important for school age children to get a good night's sleep?

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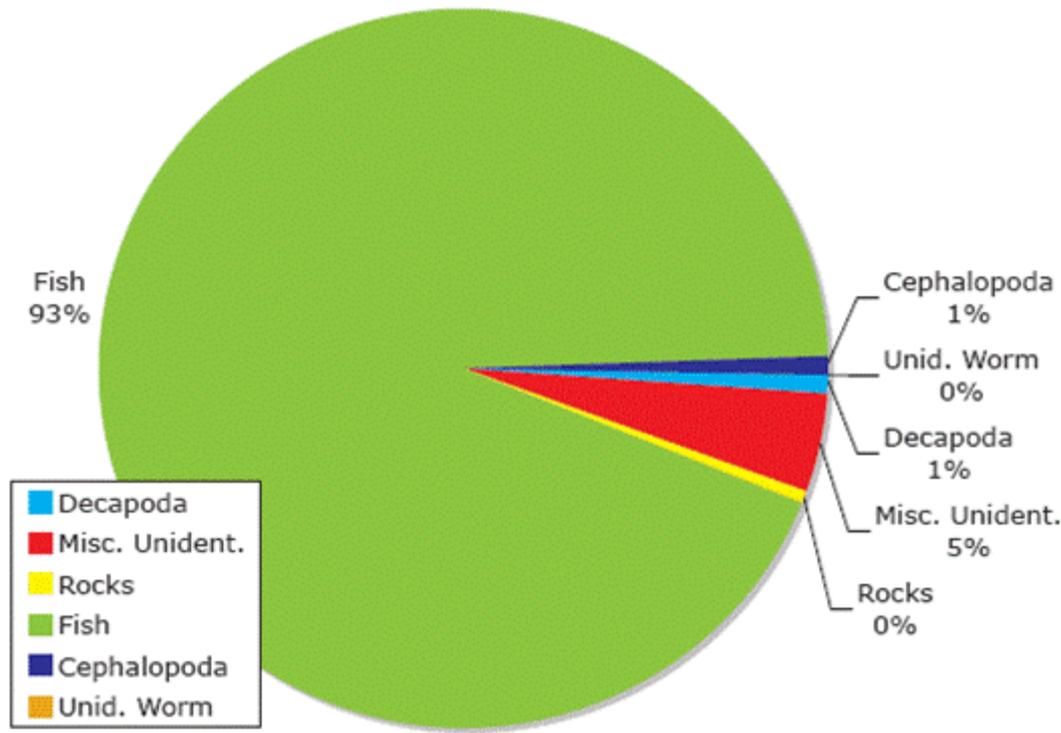
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**SOURCE
#1**

**SOURCE
#2**

E

The percent mass of prey items found in 401 dogfish stomachs



- Decapoda
- Misc. Unident.
- Rocks
- Fish
- Cephalopoda
- Unid. Worm

Top three fish species: sand lance

QUESTION:

Is the dogfish considered a predator, prey, or both?

Cite information from these sources in your response.

that eats only meat	Carnivores get their energy from other animals that they eat.
is a carnivore	
that eats only plants	Herbivores get their energy from the plants that they eat.
is a herbivore	
that eats both plants	Omnivores get their energy from both plant and animal sources.

myrecipes Grilled Dogfish on Late-Summer Caponata

HANDS-ON TIME 20 mins
TOTAL TIME 45 mins

YIELD Serves 4 (serving size: 1 fillet and about 1 cup caponata)

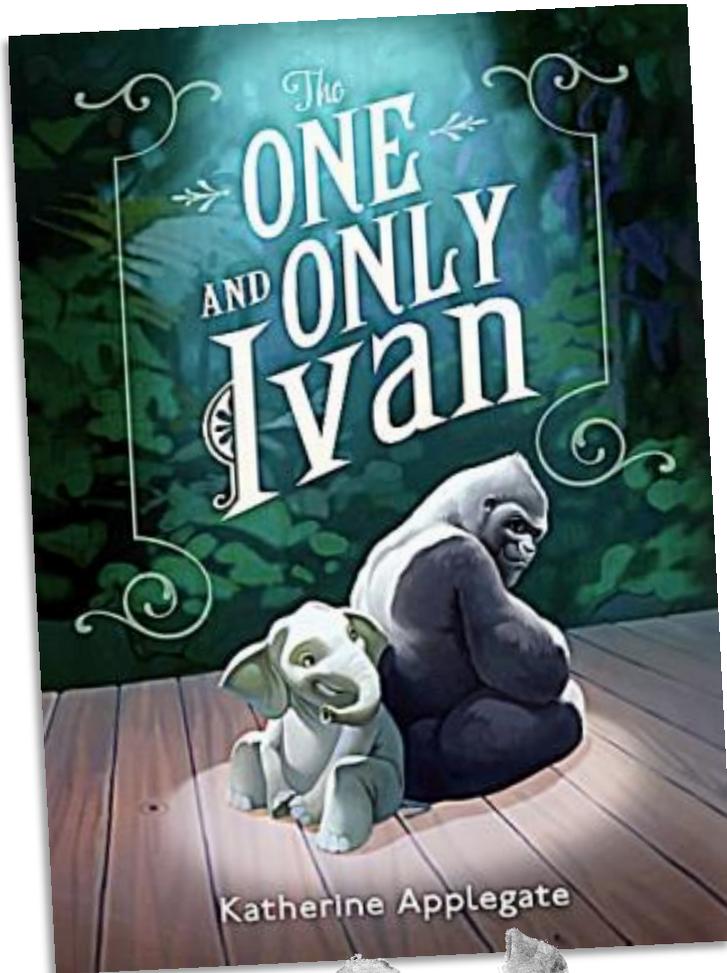
Ingredients

- 1 small fennel bulb with stalks
- 2½ tablespoons olive oil
- 3 tablespoons slivered almonds
- 2 cups (¾-inch) diced peeled butternut squash
- ¾ cups chopped onion

How to Make It

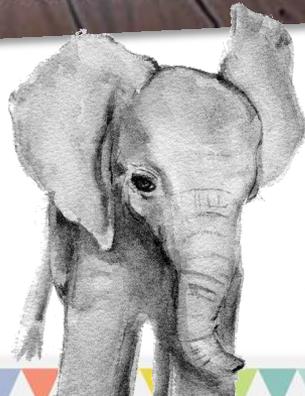
- 1 Remove fronds from fennel bulb; finely chop fronds to measure 2 tablespoons. Remove stalks and tough outer leaves from fennel bulb; discard. Finely chop bulb to measure ¾ cup. Reserve remaining bulb for another use.
- 2 Heat a large Dutch oven over medium-high heat. Add oil to pan; swirl to coat. Add almonds; sauté 2 minutes or until toasted. Add chopped fennel bulb, squash, and next 4 ingredients (through poblano); cook 5 minutes. Add tomato, raisins, vinegar, and ½ teaspoon salt; cook 15 minutes or until squash is tender. Remove pan from heat. Add lemon juice.

	ex: humans,	
prey	an animal that <u>is hunted</u> by another animal for food	Small fish are prey for larger fish in the ocean.
predator	An animal that <u>hunts</u> another animal for food	When a robin eats a worm, the robin is a predator.
ecosystem	The living and non-living things that interact and share an environment	Sunlight, soil, water, plants, and animals, as well as other non-living things for an ecosystem.



Have a copy of
The One and Only Ivan
By Katherine Applegate

before our class
on April 9th



BONUS!
We'll complete Literature
Unit 20 together as a class.



THIS WEEK'S
R.A.C.E
ASSIGNMENT

Complete the RACE
Google form before our next class.

