

from multiple sources

Annual mean temperature
Australia (1910-15)

970L

Integrate Information Name: _____ Date: _____

THE DAILY TRIBUNE January 14, 2020

Vol. 4 No.1

Australia Bush Fires Continue To Rage

1. Over 10.7 million hectares of land have burned so far in Australia's bushfires. This is an area greater than the total area of South Korea or Portugal. These fires have continued across multiple states and for multiple months. Blazes have devastated bushland, wooded areas, and national parks such as the Blue Mountains. The fires have also affected some of Australia's largest cities, including Melbourne and Sydney.

2. Every year there is a fire season during Australia's summer. The season's hot, dry weather makes it easy for fires to start and spread. Usually, natural causes such as lightning strikes are to blame. Some people have even started bushfires. The New South Wales Police Force have taken legal action against 183 people for fire-related offenses since November, according to a police statement.

3. So why are the fires so bad this year? Scientists say that the major causes of these bushfires are record-breaking temperatures and months of severe drought.

4. A heatwave in December 2019 broke the record for Australia's highest nationwide temperature while some areas of the country broiled to 113-degrees Fahrenheit. Australia had its hottest year on record in 2019, with average temperatures 1.52C above the 1961-1990 average.

5. In 2019, short-term weather fluctuations in the Indian Ocean pushed moist air away from Australia's shores. This caused a severe drought, which dried out the leaves, sticks, and soil on the bush floor. Australia also had its driest year in 2019, with rainfall 40% lower than average.

6. This draught was accompanied by unusually strong and uninterrupted winds

Their second hottest year was 2013, followed by 2005, 2018 and 2017.

for more information visit <https://www.bushfire.nsw.gov.au>

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Australian Government
Bureau of Meteorology

Traintail Deficiencies: 21 months
1 April 2018 to 31 December 2019
Distribution Based on Unsettled Conditions
Australian Bureau of Meteorology

Partial Firestorm History
Severe Deficiency
Deficient
Lowest on Record

Mag CORE

INTEGRATE INFORMATION

6th grade

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*This product includes 12 Lexile® leveled stories in the 6th Grade Common Core Text Complexity Band (the range for 6th grade is 925L-1185L).

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ABOUT LEXILE LEVELS



MagiCore Learning, LLC is a certified Lexile® Partner. These texts are officially measured and approved by Lexile and MetaMetrics® to ensure appropriate rigor and differentiation for students.

The Lexile Framework® for Reading measures are scientific, quantitative text levels. When the Lexile of a text is measured, specific, measurable attributes of the text are considered, including, but not limited to, word frequency, sentence length, and text cohesion. These are difficult attributes for humans to evaluate, so a computer measures them.

Common Core State Standards uses Lexile level bands as one measure of text complexity. Text complexity ranges ensure that students are college and career ready by the end of 12th grade. Lexile measures help educators scaffold and differentiate instruction, as well as monitor reading growth.

Grade Band	Lexile® Bands Aligned to Common Core Expectations
K-1	N/A
2-3	420L-820L
4-5	740L-1010L
6-8	925L-1185L

Keep in mind when using any leveled text that many students will need scaffolding and support to reach text at the high end of their grade band. According to Appendix A of the Common Core Standards, "It is important to recognize that scaffolding often is entirely appropriate. The expectation that scaffolding will occur with particularly challenging texts is built into the Standards' grade-by-grade text complexity expectations, for example. The general movement, however, should be toward decreasing scaffolding and increasing independence both within and across the text complexity bands defined in the Standards."



INTEGRATING INFORMATION FROM MULTIPLE SOURCES

Learning about a topic can be a journey. Information about a topic can be found in many different places and formats, including **text**, **video**, **images**, **charts**, **graphs**, and **interactive displays**. The availability of information through different sources helps you understand a topic in a way that a single text alone cannot.

With all this information available, how do you know where to look to find the information you need about a topic? Good readers **integrate information** from different sources. This means they use parts of information that they find in different resources in order to develop a strong understanding of a topic.

Examples of Information Sources

Text	Video	Images	Charts & Graphs
Books, Articles, Magazines, Websites, and Blogs	Films, News, Slide Shows, Documentaries, and Animations	Photos and Illustrations	Charts, Graphs, Maps, and Diagrams

Let's pretend you are interested in buying a new ski jacket. You want something that is both warm and fashionable. Here are some different sources you may use to find out more about ski jackets and how each of them will help you pick the right one.

Using Multiple Sources

Text	Video	Images	Charts & Graphs
Find detailed information about different jackets like cost, popularity, intended use, and reviews.	Find a combination of words and images that show people using different jackets.	Find out what each jacket looks like. Captions may include more information like cost, brand, or ratings.	Find facts and statistics comparing jackets to help understand cost, intended use, or popularity.

List three questions that would help you choose the right jacket and the best source to find the information.

- Question 1: Which jacket is the most affordable?
- Question 2: Which pattern do I like the best?
- Question 3: Which jacket is most popular?

Source: Text

Source: Image

Source: Chart/Graph

Contrast
 does the text simplify
 accompanying sources? Check
 a. It only provides facts
 b. It counts all branches
 c. It leaves out information
 d. It doesn't talk about

5. Taken together, do the author's conclusion that believe there is one God
The pie chart shows that the world are either believe in one to show that there the world, where the majority of people

Integrate Information
 Answer the following questions. Underline the text evidence in the color indicated.

- What information about the accompanying source is shown in one of the colors?
 a. The relative size
 b. The spread of the religion
 c. The timeline of the religion
 d. The geographical location

2. How does the pie chart support the author's conclusion?

- It helps to understand the world.
- It includes five major religions.
- It illustrates the spread of religions.
- It shows the relative size of the religions.

3. How does the map support the author's conclusion?

the fact that there are many different religions in the world, and that they are spread out across the globe.

10101

Integrate Information Name: _____ Date: _____



Demographic Map (Geography)

5. **Buddhism**
 India with a prior Siddhartha, later Buddha ('enlightened one'). Although revered as an actual teacher, it is a collection of teachings, venerated by followers to enlighten their belief is that by attaching to desires.

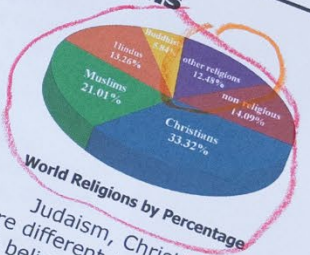
6. **Judaism**
 and Islam

Religion
 There are different traditions and beliefs in this ancient religion, but in general Hindus believe in a divine power who takes various forms that represent different divine aspects. The holy texts, called the Vedas, date back millennia. The principal spiritual beliefs are dharma (living the right way) and karma (spiritual consequences for one's behavior). Reincarnation, the belief that the eternal soul is perpetually reborn into different bodies, is a major principle.

10101

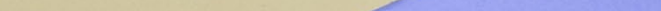
Integrate Information Name: _____ Date: _____

Major World Religions



4. **Judaism**
 Judaism, Christianity, and Islam are different religions with separate beliefs, but they have several similarities. All three share the belief in a single God and the same historical figures, such as Abraham. However, the primary spiritual beliefs and religious texts are not the same. The Jewish sacred text is the Torah, and Jews believe in the importance of moral behavior. The Bible, the sacred Christian text, is centered on the belief that Jesus, the son of God, has brought salvation. The Muslim sacred text is the Qur'an, which teaches the importance of God's will and doing good deeds.





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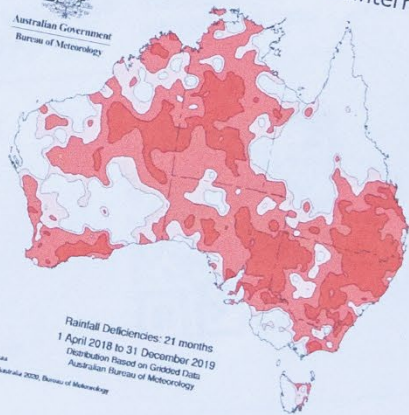
January 1

Australia Bush Fires Continue To Rage

Over 10.7 million hectares of land have been burned so far in Australia's bushfires. This is an area greater than the total area of South Korea or Portugal. These fires have continued across multiple states and for multiple months. Blazes have devastated bushland, wooded areas, and national parks such as the Blue Mountains. The fires have also affected some of Australia's largest cities, including Melbourne and Sydney.

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Australian Government
Bureau of Meteorology



Rainfall Deficiencies: 21 months
1 April 2018 to 31 December 2019
Distribution Based on Gridded Data
Australian Bureau of Meteorology

Rainfall Deficiency Ranking

Red	Serious Deficiency
Orange	Severe Deficiency
Yellow	Lowest on Record

Revised: 01/01/2020

970L

Integrate Information

Integrate Information
Answer the following
color indicated.

1. The temperature
Anomaly Australia
that:

- a. 2019 was
- b. one billion
- c. Australia
- d. short-term moist a

2. How does the
contribute to

- a. It suppresses drought
- b. It prevents fires
- c. It helps affect
- d. It reduces

3. The temperature
What evidence
author's

The drought impacts on summer

which have pushed the fires in all directions. This has turned what started as small, isolated fires into regional disasters. Of course, these disasters are unfolding amid Australia's steady increase in average temperature, an occurrence that climatologists have been warning us about for decades. Scientists have correctly predicted long-term climate trends, such as a rising temperature, which would interact with short-term change events such as bushfires.

6. That's been the case in Wales, Australia, where the experience of structural fires, which is a major concern for houses.

contrast
that apply. Across
21 months:

- a. The darkest red
- b. The majority of rainfall.
- c. The darkest red
- d. The lightest normal.

5. How does the map
more about the temperature

The map explains the size helps in example fires

A Very Strange Pet

1. Are you in the market for a pet, but bored by the boring, same-old choices of iguana, parakeet, or goldfish? Well, you might just be the perfect candidate for an Axolotl. An axolotl (ACK-suh-LAH-tuhl), also known as the Mexican Walking Fish, is a type of salamander native to Mexico. In fact, the species was originally found exclusively in Xochimilco (SO-chee-MILL-co), a lake complex near Mexico City. It has the rare trait of keeping its larval features

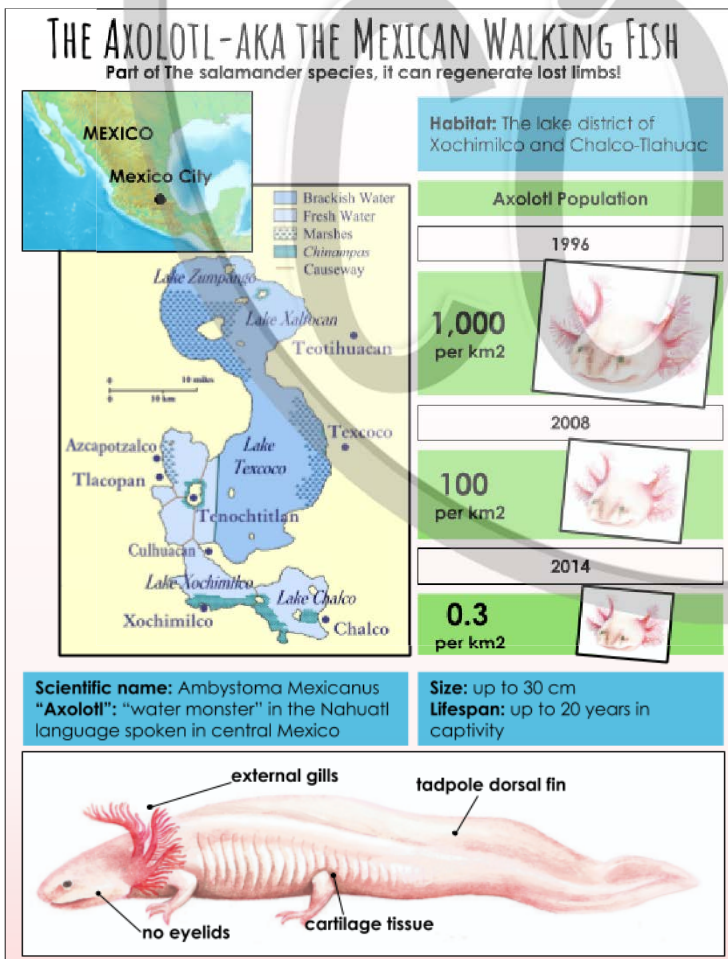


throughout its adult life, meaning that it keeps its tadpole-like dorsal fin. This fin runs the length of its body. The axolotl will also keep its feathery external gills, which protrude from the back of its wide head. These gills are lined with

filaments to increase surface area to help with gas exchange. This condition of keeping its larval features is called neoteny.

2. Axolotls are also different from other salamanders because they live in water permanently. There are some very rare cases in which they will completely mature and leave the water, but they are very happy to stay at the bottom of Xochimilco's lakes and canals.

3. Axolotls are closely related to tiger salamanders, and they can become rather large. In fact, they can reach up to a foot in length. However, their average length is about six inches. They're typically black or brown colored, but albino and white varieties are relatively common, particularly among captive axolotls.





4. Axolotls have a rather long lifespan for an amphibian, surviving up to 15 years. Their diet consists of mollusks, worms, insect larvae, crustaceans, and some fish. Axolotls are accustomed to being a top predator in their habitat, and therefore their populations have begun to decline as large fish entered their habitat. Natural threats include predatory birds such as herons.

5. Not only have axolotl populations declined because of the introduction of large fish, but the demands of Mexico City have led to much of the Xochimilco Lake complex's waters being drained and/or contaminated. Axolotls are also very popular in aquariums, and roasted axolotl is considered a delicacy in Mexico, causing their population to decline even further. They are considered a critically endangered species.

6. Although the axolotl's numbers are rapidly dwindling in the wild, they're becoming ever more popular as pets. These amphibians make great pets because they're incredibly adaptable and hardy. Their adaptability allows them to handle water changes and impurities in their environment. However, the water an axolotl lives in should never dip below 61 degrees Fahrenheit. This would cause your pet axolotl to have a slower metabolism.

7. Axolotls are great pets for people who may not have a lot of experience caring for exotic animals. However, there are a few things you should keep in mind when raising an axolotl. Watch the video to learn more about axolotl care!

Ready for More?

Check out this video to see if an Axolotis is the right pet for you.

Video Link

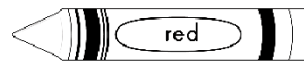
<https://commoncorekingdom.com/axolotl-care-guide>



Integrate Information

Answer the following questions. Underline the text evidence in the color indicated.

1. What information about axolotls can the reader infer from one of the accompanying sources but not the text?



- a. The axolotl's eyelid type
- b. The temperature at which to keep an axolotl's water above
- c. Why axolotls make great pets
- d. How endangered axolotls are

2. According to the diagram, the axolotl population has _____ since 1996.



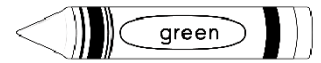
- a. Increased
- b. Decreased
- c. Remained the same
- d. Been completely eliminated

3. Explain how the informational diagram provides additional evidence for a fact the author states in the passage.



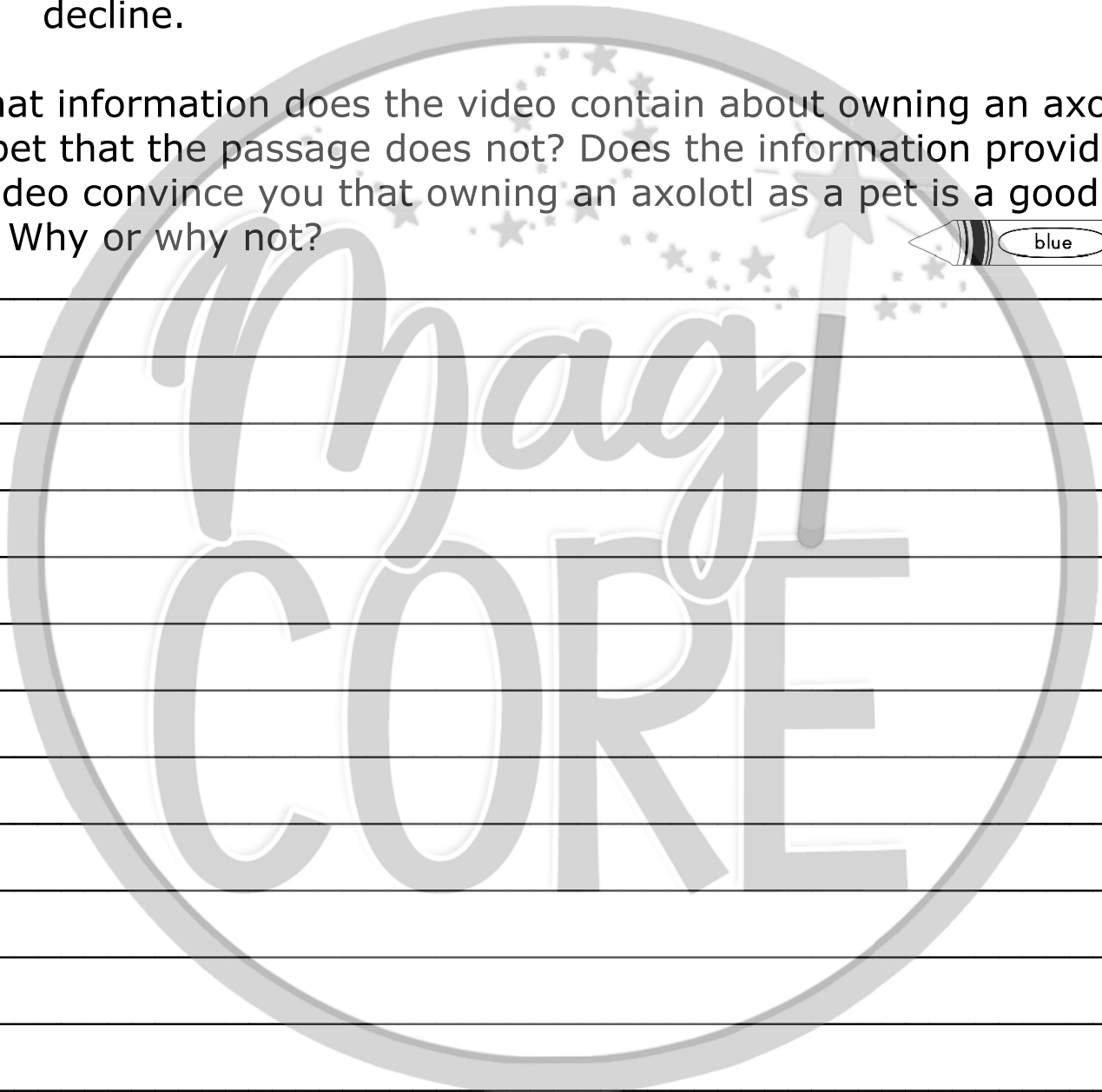
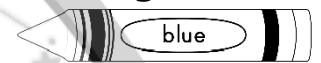
Compare & Contrast

4. The article includes photos of axolotls because



- a. axolotls need to spend some of their time out of the water.
- b. they show where the axolotl originates from.
- c. they illustrate axolotl's external gills.
- d. natural predators are causing the axolotl population to decline.

5. What information does the video contain about owning an axolotl as a pet that the passage does not? Does the information provided in the video convince you that owning an axolotl as a pet is a good idea? Why or why not?



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http://ufwildlife.ifas.ufl.edu/frogs/images/canetoad_southerntoad_comparison_lg.jpg.

EDDMapS. 2019 Early Detection & Distribution Mapping System. The university of Georgia - Center for Invasive Species and Ecosystem Health. Available online at <http://www.eddmaps.org/>

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