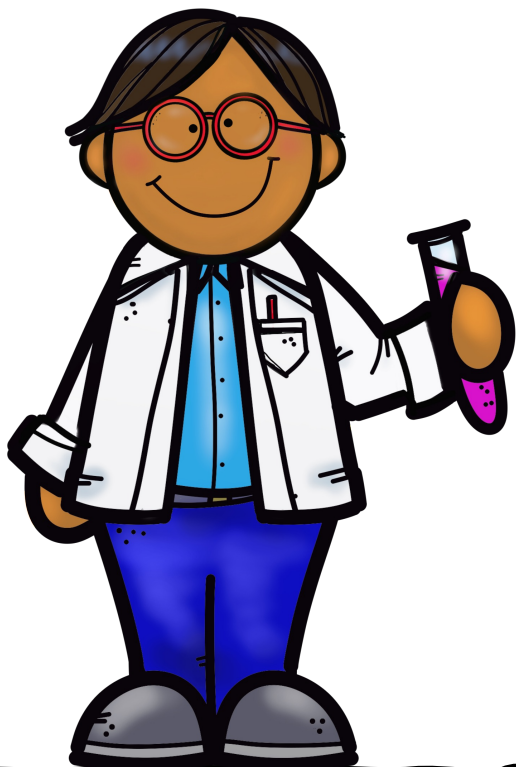


# Daily Science Review

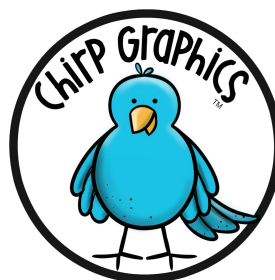
## 4<sup>th</sup> & 5<sup>th</sup> Grade

4th & 5th Grade Science Quest - VA SOL -  
Quizzes & Answer Key Included

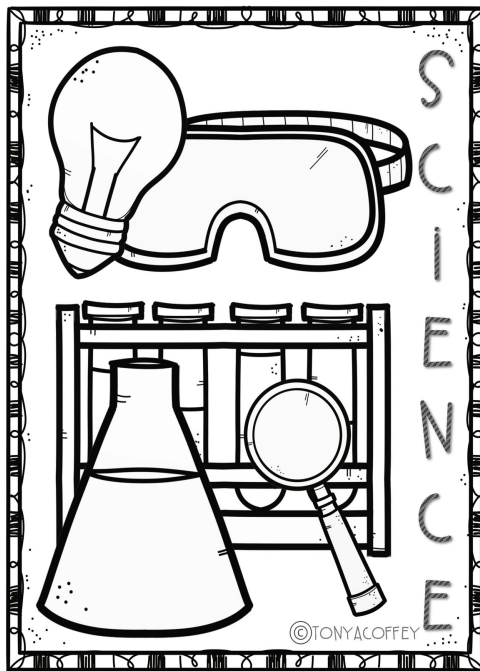
Embark on a thrilling quest of scientific discovery with this 180-day review for 4th and 5th graders. Perfectly aligned with the Virginia SOL standards, this resource offers fascinating daily science facts, fueling curiosity and learning. A key feature of this resource is 'retrieval practice,' a learning technique that promotes better memory. Instead of just rereading, students recall information, helping them to remember it for longer. With a weekly quiz, you can easily check students' progress. An included answer key makes grading a snap. Spark joy and engagement in science learning today with our exciting resource.



A BIG THANKS to this  
amazing Clipart artist!



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# DAILY SCIENCE REVIEW

## 4<sup>th</sup> & 5<sup>th</sup> grade

NAME: \_\_\_\_\_

Science Discipline	SOLs
Life Science	4.2, 4.3
Earth Science	4.4
Earth Science	4.5, 4.6
Earth Science	4.7, 4.8
Physical Science	5.2
Physical Science	5.3
Review - Life Science	4.2
Review - Life Science	4.3
Review - Earth Science	4.4
Review - Earth Science	4.5
Review - Earth Science	4.6
Review - Earth Science	4.7
Review - Earth Science	4.8
Review - Physical Science	5.2, 5.3
Physical Science	5.4
Physical Science	5.5
Review - Life Science	4.2
Review - Life Science	4.3
Review - Earth Science	4.4
Review - Earth Science	4.5, 4.6
Review - Earth Science	4.7, 4.8
Review - Physical Science	5.2, 5.3
Review - Physical Science	5.4, 5.5
Physical Science	5.6
Physical Science	5.7
Review - Life/Earth Science	4.2, 4.3, 4.4
Review - Earth Science	4.5, 4.6, 4.7, 4.8
Review - Physical Science	5.2, 5.3, 5.4
Review - Physical Science	5.5, 5.6, 5.7
Earth Science	5.8
Earth Science	5.9
Review - Earth Science	5.8, 5.9
Mixed Review	All
Mixed Review	All
Mixed Review	All
Mixed Review	All

Week 21 (Days 101-105)	Review - Earth Science	4.7, 4.8
Week 22 (Days 106-110)	Review - Physical Science	5.2, 5.3
Week 23 (Days 111-115)	Review - Physical Science	5.4, 5.5
Week 24 (Days 116-120)	Physical Science	5.6
Week 25 (Days 121-125)	Physical Science	5.7
Week 26 (Days 126-130)	Review - Life/Earth Science	4.2, 4.3, 4.4
Week 27 (Days 131-135)	Review - Earth Science	4.5, 4.6, 4.7, 4.8
Week 28 (Days 136-140)	Review - Physical Science	5.2, 5.3, 5.4
Week 29 (Days 141-145)	Review - Physical Science	5.5, 5.6, 5.7
Week 30 (146-150)	Earth Science	5.8
Week 31 (151-155)	Earth Science	5.9
Week 32 (156-160)	Review - Earth Science	5.8, 5.9
Week 33 (161-165)	Mixed Review	All
Week 34 (166-170)	Mixed Review	All
Week 35 (171-175)	Mixed Review	All
Week 36 (176-180)	Mixed Review	All

1

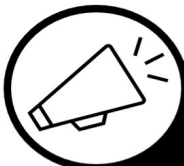
Life science – 4.2

#1	#2	#3
<p>What is the primary food-producing part of a green plant?</p>	<p>If a plant is placed in a dark room, how will this affect its ability to produce food through photosynthesis?</p> <ol style="list-style-type: none"> <li>The plant's ability to produce food will increase.</li> <li>The plant's ability to produce food will stay the same.</li> <li>The plant's ability to produce food will decrease.</li> <li>The plant's ability to produce food will stop completely.</li> </ol>	<p>Explain the relationship between photosynthesis and the oxygen cycle in the atmosphere.</p>

2

Life science – 4.2

#1	#2	#3
<p>What is the primary source of energy for ecosystems?</p> <ol style="list-style-type: none"> <li>Soil</li> <li>Water</li> <li>Sunlight</li> <li>Air</li> </ol>	<p>True or False: If a disease killed all the producers in an ecosystem, the other organisms would not survive. Explain your answer.</p>	<p>Explain the impacts of human activities on ecosystems and the flow of energy.</p>



DID YOU KNOW?

INTERESTING FACT

A group of flamingos is called a flamboyance.



3

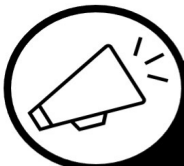
## Life science – 4.3

#1	#2	#3
Match the following statements to either "T" (Tadpole) or "AF" (Adult Frog) by placing the corresponding label beside the correct statement:	What is one example of an animal that changes its role in the community as it grows and gets older?	How can a change in an organism's role in the community affect other organisms in the ecosystem?
Develop in water		a. It has no effect on other organisms.
Live on land and in water		b. It can cause a chain reaction that affects other organisms.
Have gills for breathing		c. It only affects organisms of the same species.
Lack limbs		d. It can only affect organisms that live in the same habitat.
Have lungs for breathing		
Possess four legs		

4

## Life science – 4.3

#1	#2	#3
What is a food web?	What is an omnivore, and can you give an example of an omnivorous animal?	How can we reduce the human impact on food webs?
a. A diagram that shows the relationships between different organisms in an ecosystem	a. An omnivore is an animal that eats only plants, such as a cow.	
b. The process by which plants use sunlight to make food	b. An omnivore is an animal that eats only other animals, such as a lion.	
c. A type of food that an organism eats	c. An omnivore is an animal that eats both plants and other animals, such as a bear.	
d. The scientific study of food		



DID YOU  
KNOW?

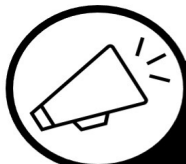
### INTERESTING FACT

A single teaspoon of soil can contain more microorganisms than the entire human population on Earth.



5

#1	#2	#3
<p>What is photosynthesis?</p> <ol style="list-style-type: none"> <li>The process by which animals consume food</li> <li>The process by which green plants produce their own food</li> <li>The process by which water is converted into oxygen</li> <li>The process by which sunlight is converted into heat</li> </ol>	<p>What is the primary food-producing part of green plants?</p> <ol style="list-style-type: none"> <li>The roots</li> <li>The stems</li> <li>The leaves</li> <li>The flowers</li> </ol>	<p>What is released during photosynthesis?</p> <ol style="list-style-type: none"> <li>Water</li> <li>Carbon dioxide</li> <li>Oxygen</li> <li>Chlorophyll</li> </ol>
#4	#5	#6
<p>What is the greatest source of energy in an ecosystem?</p> <ol style="list-style-type: none"> <li>Consumers</li> <li>Decomposers</li> <li>Producers</li> <li>Predators</li> </ol>	<p>In a food web, a _____ shows the flow of energy from one organism to another, while a _____ shows the interconnectedness of multiple food chains.</p>	<p>What does the arrow in a food web indicate?</p> <ol style="list-style-type: none"> <li>The direction of energy flow from the organism being eaten to the organism doing the eating</li> <li>The direction of energy flow from the organism doing the eating to the organism being eaten</li> <li>The direction of energy flow from the sun to the primary producers in the ecosystem</li> </ol>



DID YOU KNOW?

INTERESTING FACT

Water expands when it freezes, which is why ice takes up more space than the same amount of liquid water.

