



Take a picture and tag us on social media @LSUscience!

The LSU Department of Biological Sciences is made up of many different scientific areas. Our researchers study ecosystems, or large communities of living organisms, all around us to better understand plants and animals—and even smaller creatures that we can't see called microorganisms!

Do you know what a scientist who studies fish is called? An ichthyologist (ick-thee-ol-o-gist)! LSU scientists travel all over the world to study and discover new species of fish. Can you guess how many kinds of fishes have ever been discovered? The answer is around 27,000...so far! But new species of fish are still found all the time.

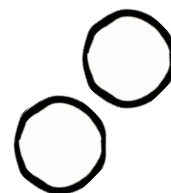
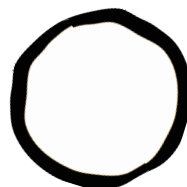


WHAT IS H₂O? IT'S WATER!

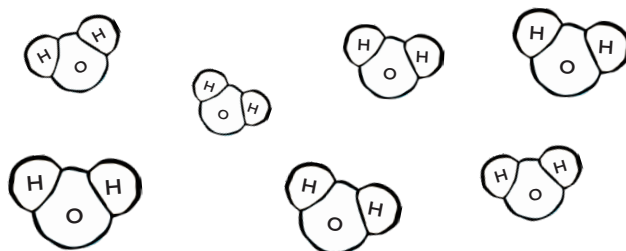
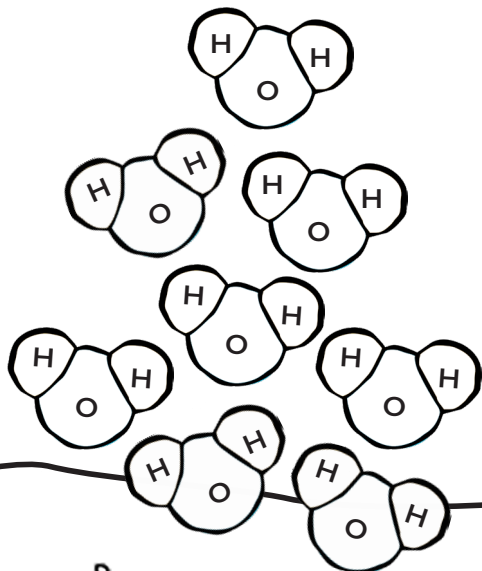
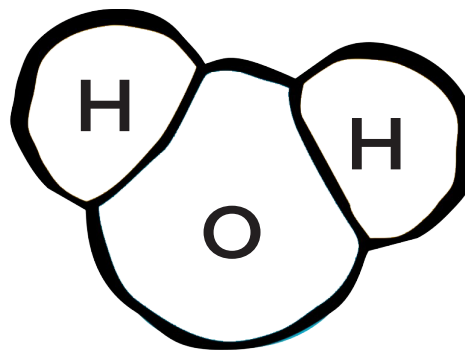
Like everything around us (and even us!), water is made up of molecules.

Oxygen and hydrogen are two elements found on the periodic table. When **one** oxygen molecule and **two** hydrogen molecules join together, they make...water!

OXYGEN



HYDROGEN



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In the LSU Department of Chemistry, our faculty and students perform groundbreaking research that is sometimes invisible to our own eyes. While their projects can be very complex, they all began where you are now by learning their table of elements, also known as the periodic table.

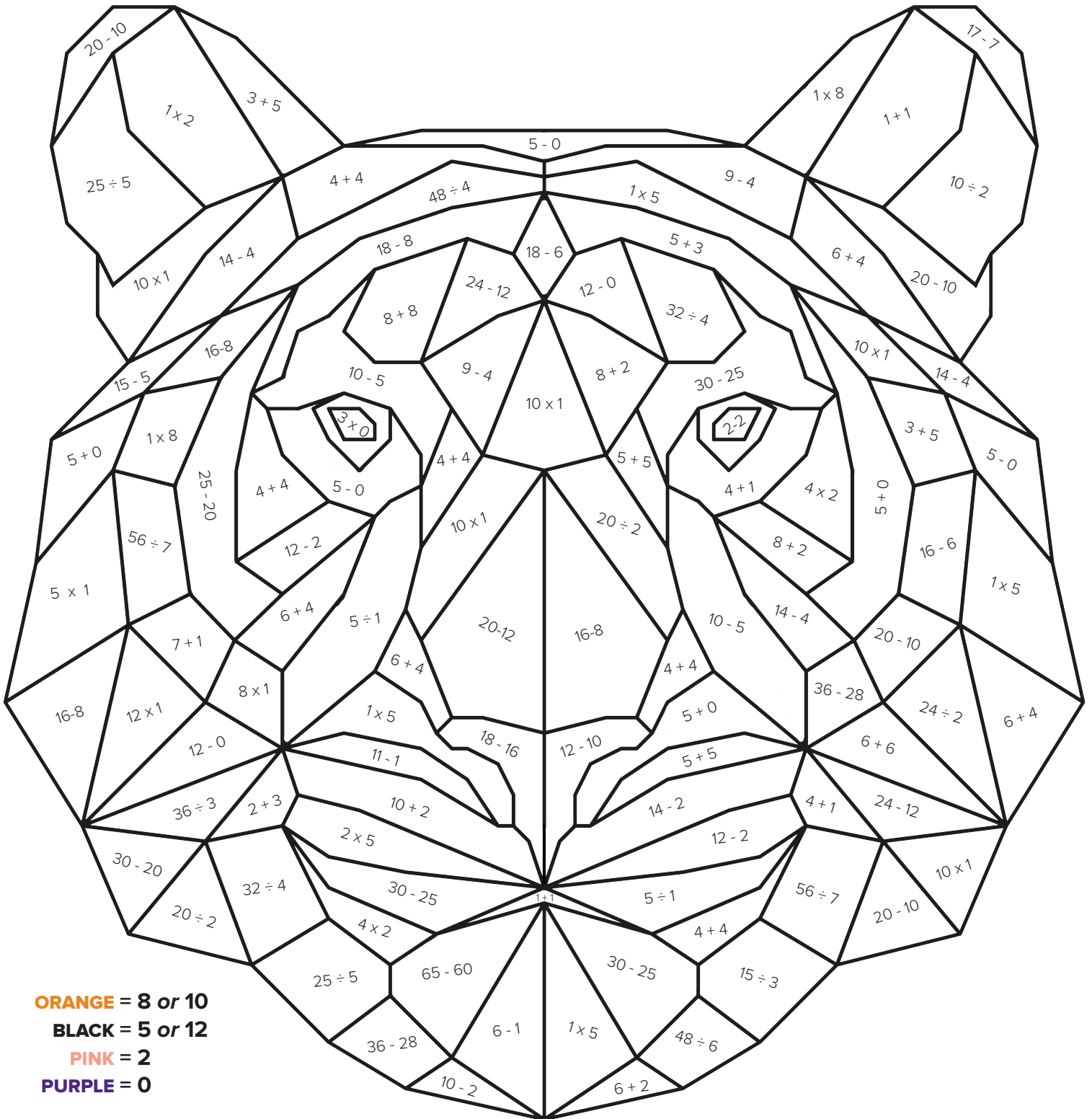
What are elements? Elements are substances made up of only one kind of atom, the basic building block for all matter in the universe. There are 118 different elements, although only 98 of them are found naturally on Earth.



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Geoscientists study our entire planet! Our researchers in the Department of Geology & Geophysics study everything from fossils to minerals to soil samples to glaciers.

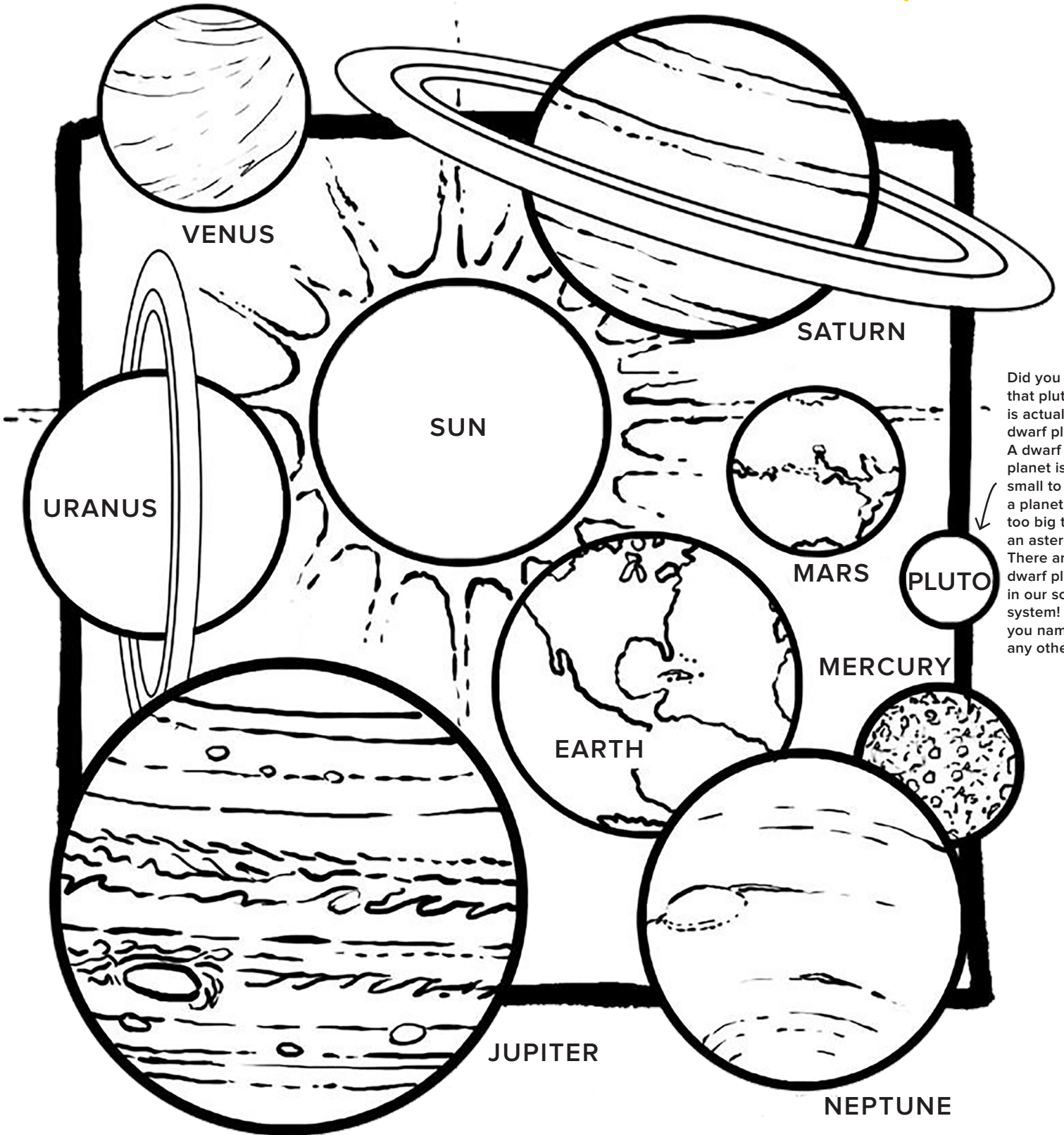
LSU Geology Professor Barb Dutrow recently had a newly discovered mineral named after her! The new mineral “dutrowite” is a member of the tourmaline (toor-muh-leen) family of gemstone minerals. Can you name any other gemstones?



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Our researchers and students in the LSU Department of Mathematics solve math expressions both big and small!

Everyone uses math every day—to tell time, to play games, to cook, to build things, to do almost any kind of work. Math is all around us and helps us understand the world better. Can you use math to color in the picture?



Did you know that Pluto is actually a dwarf planet? A dwarf planet is too small to be a planet but too big to be an asteroid. There are 5 dwarf planets in our solar system! Can you name any others?

The LSU Department of Physics & Astronomy is out of this world! Not only do we have scientists who study planets in our solar system and beyond, we also have students who have gone on to do some amazing things, like work for NASA!

LSU science alumnus Keith Comeaux is the deputy chief engineer for NASA's Mars 2020 rover mission at the Jet Propulsion Laboratory. He plans to use the 2020 rover to explore Mars's geology and climate patterns!

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