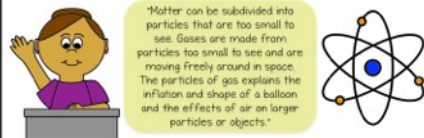


5-PS1-1 MATTER & ITS INTERACTIONS

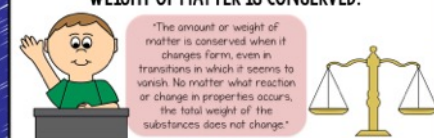
I CAN DEVELOP A MODEL TO DESCRIBE THAT MATTER IS MADE OF PARTICLES TOO SMALL TO BE SEEN.



"Matter can be subdivided into particles that are too small to see. Gases are made from particles too small to see and are moving freely around in space. The particles of gas explain the inflation and shape of a balloon and the effects of air on larger particles or objects."

5-PS1-2 MATTER & ITS INTERACTIONS

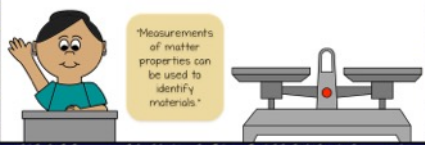
I CAN MEASURE AND GRAPH QUANTITIES TO PROVIDE EVIDENCE THAT REGARDLESS OF THE TYPE OF CHANGE THAT OCCURS WHEN HEATING, COOLING OR MIXING SUBSTANCES, THE TOTAL WEIGHT OF MATTER IS CONSERVED.



"The amount or weight of matter is conserved when it changes form, even in transitions in which it seems to vanish. No matter what reaction or change in properties occurs, the total weight of the substances does not change."

5-PS1-3 MATTER & ITS INTERACTIONS

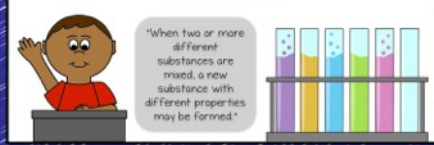
I CAN MAKE OBSERVATIONS AND MEASUREMENTS TO IDENTIFY MATERIALS BASED ON THEIR PROPERTIES.



"Measurements of matter properties can be used to identify materials."

5-PS1-4 MATTER & ITS INTERACTIONS

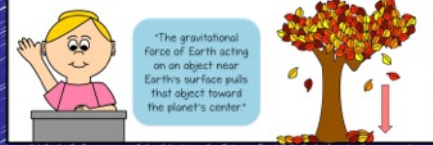
I CAN CONDUCT AN INVESTIGATION TO DETERMINE WHETHER THE MIXING OF TWO OR MORE SUBSTANCES RESULTS IN NEW SUBSTANCES.



"When two or more different substances are mixed, a new substance with different properties may be formed."

5-PS2-1 FORCES & INTERACTIONS

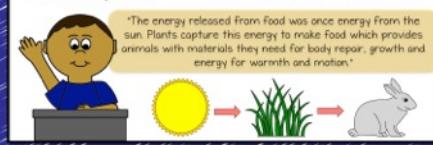
I CAN SUPPORT AN ARGUMENT THAT THE GRAVITATIONAL FORCE EXERTED BY EARTH ON OBJECTS IS DIRECTED DOWN.



"The gravitational force of Earth acting on an object near Earth's surface pulls that object toward the planet's center."

5-PS3-1 ENERGY

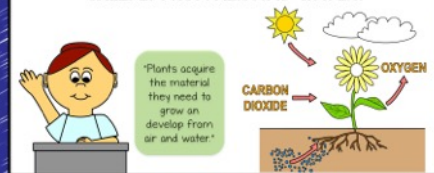
I CAN USE MODELS TO DESCRIBE THAT ENERGY IN ANIMALS' FOOD (USED FOR BODY REPAIR, GROWTH, MOTION AND TO MAINTAIN BODY WARMTH) WAS ONCE ENERGY FROM THE SUN.



"The energy released from food was once energy from the sun. Plants capture this energy to make food which provides animals with materials they need for body repair, growth and energy for warmth and motion."

5-LS1-1 STRUCTURES & PROCESSES


I CAN SUPPORT AN ARGUMENT THAT PLANTS GET THE MATERIALS THEY NEED FOR GROWTH CHIEFLY FROM AIR AND WATER.



"Plants acquire the material they need to grow and develop from air and water."

5-LS2-1 ECOSYSTEMS: INTERACTIONS, ENERGY, DYNAMICS

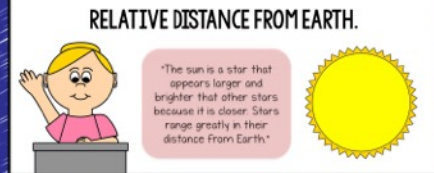
I CAN DEVELOP A MODEL TO DESCRIBE THE MOVEMENT OF MATTER AMONG PLANTS, ANIMALS, DECOMPOSERS AND THE ENVIRONMENT.



"Matter cycles between living and nonliving things. Organisms obtain nutrients from the environment and release waste back into the environment. Organisms are related in food webs. Decomposers break down dead organisms and restore materials back to the soil."

5-ESS1-1 EARTH'S PLACE IN THE UNIVERSE

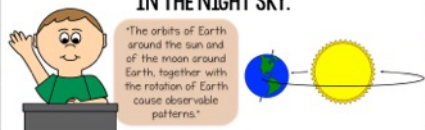
I CAN SUPPORT AN ARGUMENT THAT DIFFERENCES IN THE APPARENT BRIGHTNESS OF THE SUN COMPARED TO OTHER STARS IS DUE TO THEIR RELATIVE DISTANCE FROM EARTH.



"The sun is a star that appears larger and brighter than other stars because it is closer. Stars range greatly in their distance from Earth."

5-ESS1-2 EARTH'S PLACE IN THE UNIVERSE

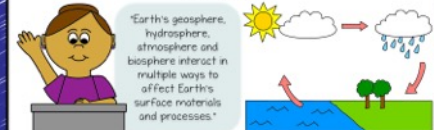
I CAN REPRESENT DATA IN GRAPHICAL DISPLAYS TO REVEAL PATTERNS OF DAILY CHANGES IN LENGTH AND DIRECTION OF SHADOWS, DAY AND NIGHT, AND THE SEASONAL APPEARANCE OF SOME STARS IN THE NIGHT SKY.



"The orbits of Earth around the sun and of the moon around Earth, together with the rotation of Earth, cause observable patterns."

5-ESS2-1 EARTH'S SYSTEMS

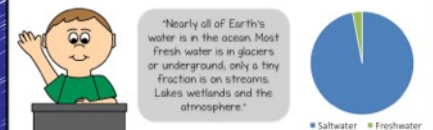
I CAN DEVELOP A MODEL USING AN EXAMPLE TO DESCRIBE WAYS THE GEOSPHERE, BIOSPHERE, HYDROSPHERE AND ATMOSPHERE INTERACT.



"Earth's geosphere, hydrosphere, atmosphere and biosphere interact in multiple ways to affect Earth's surface materials and processes."

5-ESS2-2 EARTH'S SYSTEMS

I CAN DESCRIBE AND GRAPH THE AMOUNTS AND PERCENTAGES OF WATER AND FRESH WATER IN VARIOUS RESERVOIRS TO PROVIDE EVIDENCE ABOUT THE DISTRIBUTION OF WATER ON EARTH.



"Nearly all of Earth's water is in the ocean. Most fresh water is in glaciers or underground, only a tiny fraction is in streams. Lakes, wetlands and the atmosphere."

■ Saltwater ■ Freshwater

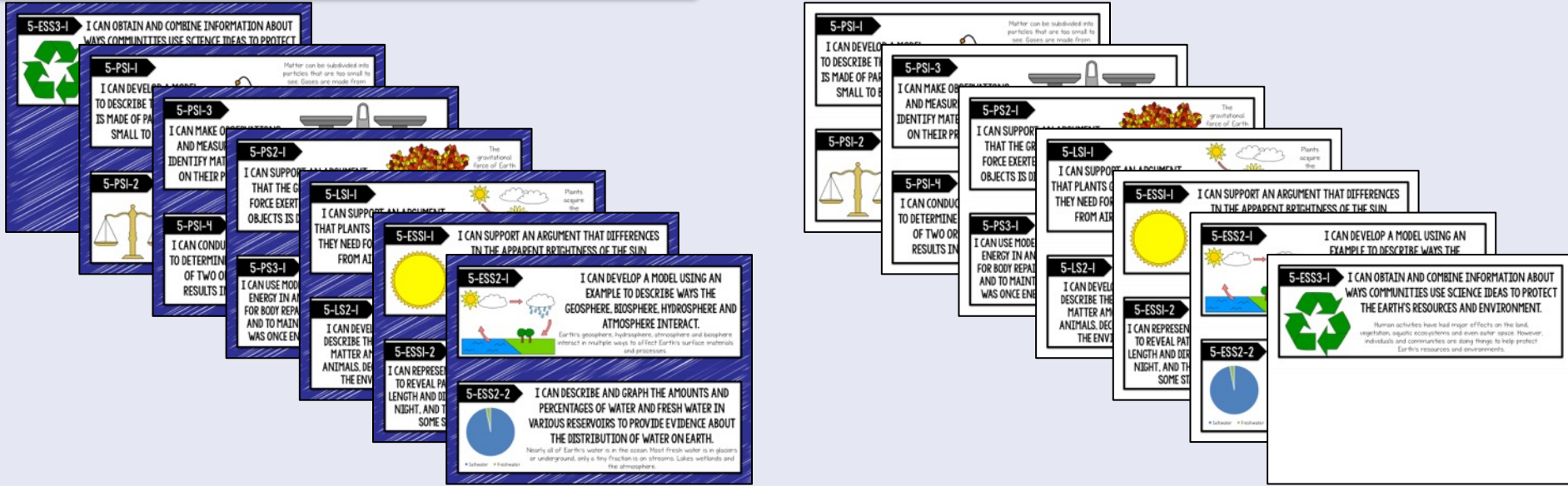
5-ESS3-1 EARTH AND HUMAN ACTIVITY

I CAN OBTAIN AND COMBINE INFORMATION ABOUT WAYS COMMUNITIES USE SCIENCE IDEAS TO PROTECT THE EARTH'S RESOURCES AND ENVIRONMENT.



"Human activities have had major effects on the land, vegetation, aquatic ecosystems and even outer space. Individuals and communities are doing things to help protect Earth's resources and environments."

1/2 PAGE W/ COLOR OR BLANK BACKGROUND



STUDENT MINIS IN COLOR & B/W WITH & WITHOUT KEYHOLE PLACEHOLDER

