

## Science Headbands

1. **DESCRIPTION:** Team members will take turns asking questions to guess clues for scientific terms or concepts from across all Essential Standards for Elementary Math & Science.
2. **ESSENTIAL STANDARDS ALIGNMENT:** Vocabulary found throughout K-6 Science & Math Essential Standards
3. **TEAM OF UP TO:** 3 (2 is also allowed)
4. **MAXIMUM TIME:** 4 minutes per team.
5. **TEAMS:** Teams must bring a writing utensil to the competition.
6. **EVENT LEADERS:** Will provide stopwatches, 40 words printed on index cards, score sheets, and paper headbands.
7. **SAFETY REQUIREMENTS:** None.
8. **IMPOUND:** No
9. **THE COMPETITION:**
  - a. Teams will have 4 minutes to complete up to 40 terms.
  - b. All teams will receive the same terms in the same order. The terms will consist of one or two words coming ONLY from the list provided in these rules.
  - c. Team members will alternate asking questions and giving answers. All team members must rotate turns on asking questions and giving yes or no answers. Teams may pick the initial order of rotation. This event requires a minimum of 2 team members to participate.
  - d. The competition begins with team members putting a card on their headband clip. Their partners can see the word, but they cannot see the word they are wearing. Timing begins when the team member wearing word #1 asks the first question and ends when the team member has correctly identified the last term, has passed on the last term or when the 4-minute time period has expired, whichever occurs first.
  - e. The team member guessing the term must ask yes or no questions and their teammates must answer using only "Yes" or "No."
  - f. Participants may not give visual clues with their hands or bodies except for event leader demonstrated clues such as nodding yes or no.
  - g. The event leader will indicate when the correct term is given. Different forms of the term will not be accepted with the exception of plurals and singulars, which will be accepted interchangeably (e.g. calories or calorie would be accepted).
  - h. If a team violates any of the rules regarding the use of verbal or visual communication, the term in play at the time of the violation will be counted as a pass.
  - i. Any team member (person guessing or those answering) may choose to pass on a term. Once the team passes on a term they may not return to it.
  - j. When the team has correctly identified or passed on the term, or if a violation occurs, the next team member will be given a new term until the team has gone through their set of terms or the time expires, whichever happens first.
10. **SCORING:**
  - a. One point will be awarded for each term correctly identified within the allotted time. The team correctly identifying the most terms will be declared the winner.
  - b. In the event of a tie, the first tiebreaker is the team with the longest string of consecutively correct words. The second tiebreaker will be the team who identified the first word in the list passed by the other team. The third tiebreaker will be the team with the fewest words passed. The final tiebreaker is the shortest period of time to complete the list. If teams are unable to guess any of the words in 4 minutes, participation points only will be given.
11. **EVENT RESOURCES:**

See the Event Resources tab on our website at [www.sciencenc.com](http://www.sciencenc.com) for instructions, videos and more. This includes a digital list of the words that can be printed.

## Science Headbands Word List 2020

Abdomen	Computer	Galaxy	Neutron	Season
Acid rain	Constellation	Gas	Nuclear Engineer	Sedimentary rock
Air	Consumer	Geologist	Ocean	Seed
Amphibian	Crater	Global warming	Omnivore	Shadow
Angle	Crime Scene Investigator	Gram	Orbit	Skin
Architect	Crop	Graph	Organ	Software Developer
Arctic	Cumulus Cloud	Gravity	Organism	Soil
Astronaut	Current	Habitat	Ornithologist	Solid
Astronomer	Data Scientist	Heat	Oxygen	Sound wave
Atmosphere	Decomposer	Herbivore	Paleontologist	Space
Atom	Degree	Humidity	Parasite	Spinal cord
Autumn	Desert	Humus	Pattern	Spine
Axis	Digestive system	Hurricane	Pendulum	Star
Barometer	Eardrum	Ice	Physicist	Static Electricity
Bedrock	Earth	Igneous rock	Planet	Stem
Biologist	Earthquake	Insect	Plastic	Stomach
Bird	Eclipse	Jet stream	Pole	Sugar
Blood	Egg	Joint	Pollen	Sun
Bone	Electrical Engineer	Lake	Pollution	Sunrise
Botanist	Electricity	Leaf	Population	Sunset
Brake	Electron	Light	Precipitation	Tadpole
Calorie	Endoskeleton	Lightning	Predator	Teeth
Camouflage	Energy	Liquid	Prey	Telescope
Carnivore	Entomologist	Magnet	Producer	Temperature
Cast	Environment	Mammal	Protein	Thermometer
Cell	Equator	Map	Proton	Thunder
Chemist	Estuary	Mass	Radiation	Topsoil
Circuit	Exoskeleton	Matter	Rain Forest	Tornado
Civil Engineer	Fertilizer	Metamorphic rock	Ramp	Veterinarian
Clay	Flower	Meteor	Reptile	Vitamin
Climate	Food Scientist	Meter	River	Waning Moon
Cloud	Food web	Mineral	Rocket	Warm front
Coast	Force	Mixture	Root	Waste
Cold front	Forest	Mold	Saliva	Water table
Comet	Fossil	Molecule	Sand	Waxing Moon
Compass	Freshwater	Moon	Savanna	Weather
Compound	Fungus	Muscle	Scale	Zoologist