

Top 100 Advanced Vocabulary for 5th Graders

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Academic Vocabulary

Hypothesis: A guess based on what you know that you can test.

Analysis: Looking closely at the parts of something to understand it better.

Conclusion: The end or result of something.

Evaluate: To judge how good or bad something is.

Summarize: To tell the main points in a short way.

Evidence: Facts or proof that show something is true.

Variable: Something that can change or be changed.

Interpret: To explain the meaning of something.

Concept: An idea or thought.

Theory: An idea that explains something, based on evidence and reasoning.

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Science and Nature

Ecosystem: A community of living things and their environment.

Photosynthesis: How plants make food from sunlight.

Magnetism: The force that makes magnets stick to metal.

Erosion: The wearing away of land by wind, water, or other natural forces.

Atmosphere: The layer of gases around the Earth.

Herbivore: An animal that eats only plants.

Carnivore: An animal that eats only meat.

Metamorphosis: A big change in the form of some animals, like caterpillars turning into butterflies.

Biome: A large area with specific plants, animals, and climate.

Renewable: Something that can be used again and again, like solar energy.

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Mathematics

Fraction: A part of a whole, like $\frac{1}{2}$ or $\frac{3}{4}$.

Decimal: A number that uses a dot to show values less than one, like 0.5.

Estimate: A close guess of the actual value.

Ratio: A comparison of two numbers, like 3:2.

Equation: A math sentence that shows two things are equal, like $2 + 2 = 4$.

Geometry: The study of shapes and sizes.

Probability: The chance that something will happen.

Symmetry: When two parts are the same in size and shape.

Measurement: Finding the size, length, or amount of something.

Algorithm: A step-by-step way to solve a problem.

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Social Studies

Civilization: A group of people with their own way of life.

Government: The group of people who make the rules for a country or community.

Democracy: A system where people vote to make decisions.

Constitution: A set of rules for how a country is run.

Artifact: An object made by people in the past.

Economy: The system of making and using things people need.

Culture: The way of life, including customs and beliefs, of a group of people.

Immigration: Moving to a new country to live.

Revolution: A big change, often in government.

Geography: The study of Earth's land, water, and living things.

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Literature and Language Arts

Protagonist: The main character in a story.

Antagonist: The character who opposes the main character.

Genre: A type of book or story, like mystery or fantasy.

Plot: The events that happen in a story.

Metaphor: Comparing two things by saying one is the other, like 'time is a thief'.

Simile: Comparing two things using 'like' or 'as', like 'busy as a bee'.

Alliteration: Repeating the same sound at the beginning of words, like 'Sally sells sea shells'.

Dialogue: The words characters say in a story or play.

Narrative: A story or account of events.

Theme: The main idea or message of a story.

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Emotions and Character Traits

Empathy: Understanding and sharing another person's feelings.

Courageous: Being brave and not afraid.

Optimistic: Thinking good things will happen.

Pessimistic: Thinking bad things will happen.

Grateful: Feeling thankful for something.

Ambitious: Wanting to be very successful.

Resilient: Able to recover quickly from difficulties.

Compassionate: Showing kindness and concern for others.

Persistent: Not giving up, even when things are tough.

Sincere: Being honest and genuine.

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Technology and Innovation

Algorithm: A set of steps to solve a problem.

Software: Programs and other operating information used by a computer.

Hardware: The physical parts of a computer.

Innovation: A new idea or method.

Network: A group of connected computers.

Digital: Involving or relating to the use of computer technology.

Cybersecurity: Protecting computers and data from attacks.

Database: A collection of organized information.

Robotics: The science of designing and using robots.

Virtual: Almost or nearly as described, but not completely or according to strict definition.

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Health and Wellness

Nutrition: The process of giving or getting the right type of food for health.

Hygiene: Practices to keep yourself clean and healthy.

Exercise: Physical activity to keep your body fit.

Vaccine: A shot that helps protect you from disease.

Wellness: The state of being in good health.

Meditation: A practice where you focus your mind for a period of time for relaxation or spiritual purposes.

Therapy: Treatment to help someone feel better physically or mentally.

Metabolism: The process your body uses to get energy from food.

Immune: Able to resist a particular infection or toxin.

Detoxification: The process of removing harmful substances from the body.

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Arts and Music

Sculpture: Art made by shaping materials like stone or wood.

Melody: A sequence of musical notes that is pleasing to hear.

Harmony: The combination of different musical notes played or sung at the same time to make a pleasing sound.

Abstract: Art that does not try to represent real objects.

Composition: The way in which something is put together or arranged.

Portrait: A picture of a person, usually showing their face.

Rhythm: A strong, regular repeated pattern of sound or movement.

Symphony: A long piece of music played by an orchestra.

Canvas: A strong, heavy cloth used for painting.

Instrument: A tool or device used to make music.

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General Knowledge

Independence: Being free and able to make your own decisions.

Freedom: The power to do what you want without restrictions.

Innovation: The introduction of new ideas or methods.

Perseverance: Continuing to work hard even when things are difficult.

Environment: The natural world, including the land, air, and water.

Diversity: Variety, especially in people and cultures.

Integrity: Being honest and having strong moral principles.

Justice: Fair treatment and behavior.

Collaboration: Working together with others to achieve something.

Sustainability: Using resources in a way that does not harm the environment and can be continued in the future.