



Summer Science Learning Activities Empowering Every Learner Every Day

Grades 6–8 Summer Science Learning Guide

Life Science Activities

- Investigate ecosystems and food webs.
- Observe biodiversity in local environments.
- Research cells, body systems, and genetics.
- Explore the impact of organisms on ecosystems.

Earth & Space Science Activities

- Monitor weather systems and severe weather patterns.
- Explore Earth's layers, plate tectonics, and rock formations.
- Research space exploration and astronomy discoveries.
- Analyze human impact on Earth's resources.

Physical Science Activities

- Investigate force, motion, and energy.
- Explore chemical and physical changes through experiments.
- Build engineering design projects using household materials.
- Examine waves, sound, and light energy.

Digital Science Resources

- NASA STEM Resources
- PhET Interactive Simulations
- Khan Academy Science

Summer Science Success Tips

- Participate in STEM challenges.
 - Watch science documentaries and discuss observations.
 - Visit science centers and nature preserves.
 - Continue practicing scientific thinking and problem-solving.
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