



Seventh Grade Life Science Instruction in the West Shore School District

7th Grade Life Science instruction in the West Shore School District is aligned to the PA Core Standards and identified best practices. We utilize a variety of strategies and differentiate our instruction to meet the needs of all learners. Technology and 21st Century Skills are thoughtfully woven into our lessons and units of instruction.

Best Practices in 7th Grade Life Science:

- Emphasis on content and application in accordance with topics in Life Science.
- Emphasis on mastery of underlying concepts that relate to the study of cells, genetics, classification, kingdoms, natural selection, Earth's biomes and ecosystems and environmental education
- Hands-on investigation and analysis of Biological concepts by guiding students in active and extended laboratory exercises.
- Emphasis on understanding scientific concepts through the use of technology.
- Evaluation that focuses on scientific processes and attitudes through authentic tasks and attention to varied learning styles and needs.

Skills and Concepts:

Cells
Genetics
Classification
Natural Selection
Kingdoms
Interactions of living things
Earth's Biomes and Ecosystems
Environmental Education

Assessments:

WSSD utilizes a variety of assessments to monitor student growth and achievement. Our teachers engage in daily informal formative assessments to make timely decision about whether a student understands the material and concepts being presented. We also utilize several summative assessments to determine if a student as mastered grade level skills and standards.

Some of the assessment utilized are:

Tests and quizzes
Classwork
Homework
Labs and projects.

[Assessment Anchors](#)

Materials and Resources:

WSSD utilizes a variety of resources to meet all learners' needs.
Textbook: Fusion Science

Parent Resources:

Online Textbook
Virtual Lessons
Digital Labs