



WAYNESBORO HIGH SCHOOL

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Curriculum at a Glance

Biology – Kristin Craft

<u>Time Frame</u>	<u>Content (Nouns)</u>	<u>Skills (Verbs)</u>
Q1 – 3 weeks	Scientific Method The nature of Biology Classification Types of Cells Microscope use	Describe Define Design an experiment Identify variables Graph data Classify/organize Compare
Q1 – 1 week	Human body Cell specialization Germs/disease/human health	List Describe Research Sequence steps Develop a timeline
Q1 – 2 weeks	Chemistry of Living things Properties of water Macromolecules Enzymes/reactions Photosynthesis and Respiration	Experiment Test hypotheses List/describe Explain Compare/contrast
Q1 – 3 weeks	Cell parts Types of cells Cell processes Osmosis/diffusion Cell growth and division	Identify Describe function Compare Create diagram Make an analogy Sequence steps
Q2 – 4 weeks	DNA structure, function, and history Protein synthesis Genetics/inheritance	Make models Describe a sequence Identify structures Make a timeline Make predictions Analyze genetic crosses Evaluate DNA technology
Q2 – 2 weeks	Ecology Biomes Food chains/webs Nutrient cycles Populations/growth Environmental issues Ecological pyramids	Compare Identify cause and effect Make models/diagrams Analyze and predict growth patterns Evaluate environmental issues
Q2 – 2 weeks	Classification Evolution Natural selection	Analyze evidence Describe a process Use charts/diagrams

	Fossils Population genetics Dichotomous keys	Predict Identify organisms Classify/arrange
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