Youngstown City Schools
Grade 3 Science Pacing Guide
Grading Period 1

Strand/ Content Statement	Duration	Clear Learning Targets	Model Curriculum Resources	Vocabulary/Concepts
SCIENTIFIC INQUIRY and APPLICATION PRACTICES **Thinking Like a 21st Century Scientist and Engineer**	Weeks 1-6	**"I Can…"** ☐☐ follow a laboratory procedure and work collaboratively within a group using appropriate scientific tools. ☐☐ work individually, with a partner, and as a team to test a scientific concept, change a variable, and record the experimental outcome. ☐☐ use the engineering design cycle to develop a solution with a predictable outcome. ☐☐ cite specific text or online resource to support a proposed design solution.	Curriculum Lessons: • Gallop Poll • Elementary Science Exploration Safety • Science Exploration Relay • Keyboarding Practice Game • Introduction to Science and Engineering • Scratch My Back Discovery Education: • www.discoveryeducation.com GIZMOS www.explorelearning.com	Classify Communicate Compare Conclude Data Design Cycle Engineer Evidence Infer Interpret Investigate Justify Measure Observe Organize Predict / Hypothesis Question Record Relate Science Variable

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LIFE SCIENCE **Offspring resemble their parents and each other.** **Individuals of the same kind differ in their traits and sometimes the differences give individuals an advantage in surviving and reproducing.** **Plants and animals have life cycles that are a part of their adaptations for survival in their natural environments.**	Weeks 7 - 9	**"I Can…"** ☐☐ observe and explore various structures of plants and their functions. ☐☐ record my observations to share with my peers. ☐☐ design explorations to test the behaviors of plant structures.	Curriculum Units: • Plant A Life ~ Structures and Functions Science Textbook: Discovery Education: • www.discoveryeducation.com Ohio Department of Education - Science: http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science GIZMOS www.explorelearning.com	Appearance Behaviors Function Observation Organisms Structures Survival Traits