

**Middle Township School District
Curriculum/ Pacing Guide
Elementary #1/ Science Grade 4**

Content/Unit	CPI	Pacing (when & how long)	Assessment (Benchmark)
Scientific Process/ Inquiry	5.1.4.A.2, A.3, 5.1.4.B.1, B.2, B.3, B.4 5.1.4.C.1, C.2, C.3 5.1.4.D.1 5.1.4.D.2 5.1.4.D.3	January - April (2 nd & 3 rd marking period) *Woven through all the content	Science fair-optional Investigations/ Experiments
Life Sciences (Animal Adaptations)	5.3.4.A.1, A.2 5.3.4.B.1 5.3.4.C.1 5.3.4.D.1 5.3.4.E.1, E.2	Beginning 2 nd marking period – 1 ½ weeks	Formal assessments Flashcard activity – (pictures of animal adaptations) depicting types of beaks, feet, mimicry, camouflage & metamorphosis Animal Growth & Adaptations- student booklet Vocabulary cards Workbook pages
Life Sciences- (Plant Adaptations)	5.3.4.A.1, A.2 5.3.4.B.1 5.3.4.C.1 5.3.4.D.1 5.3.4.E.1, E.2	February- 2 weeks	Photosynthesis –draw & label diagram (pg. A65) Investigations Formal Assessments Vocabulary cards Workbook pages

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Life Sciences- (Human Body Systems) *Unit delivered by Physical Education teacher	5.3.4.A.3	Mid year- 4 weeks	Formal/ Informal Assessments
Life Sciences- (Ecosystems) *Food Chains & Food Webs (using 3 rd grade text)	5.3.4.A.1 5.3.4.B.1 5.3.4.C.1 5.3.4.D.1 5.3.4.E.2	March- 3 weeks	Diagrams- food chain & food webs Investigations Formal/ Informal Assessments Vocabulary cards Workbook pages
Earth Science (Weather) *Lesson 2	5.3.4.E.1 5.4.4.F.1	March – 2 days	Weather Chart Weather map – reading & making predications
Physical Science – (Heat)	5.2.4.A.4 5.3.4.C.1 5.3.4.C.2 5.3.4.C.3	March – 1 week	Investigations Workbook pages Vocabulary cards Formal/ Informal Assessments
Physical Science - (Electricity & Magnets)	5.2.4.C.1 5.2.4.C.2 5.2.4.D.1	April – 2 days	Workbook pg. 232-233 Create a functioning electrical circuit Diagram a circuit

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Physical Science – (Force)	5.2.4.E.1 5.2.4.E.2 5.2.4.E.4	April - 1 ½ weeks	Investigations Vocabulary cards Formal/ Informal Assessments
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Core Instructional Materials

- Harcourt Science Text – Units A-F
- Harcourt workbooks/assessments
- Internet resources
- Movies/ Videos
- Presentation (i.e. Cape May County Zookeepers)
- Consumable/ Non-Consumable Materials (for investigations/ experiments)