Science 3 – 5 for use with NGSS 2013:

Life Science: Heredity: Inheritance and Variation of Traits; Biological Evolution: Unity and Diversity

Adaptation

Students	Learning Continuum Statements:
Students:	**RIT 151-160:** • Identifies animals that are most likely to survive in hot, dry, environments
Students:	**RIT 161-170:** • Identifies body parts that support survival in specific environments
Students:	**RIT 171-180:** • Describes how body parts support survival in specific environments • Identifies the type of environment in which organisms live based on their adaptations • Identifies body parts that support survival in specific environments • Describes how organisms' coloration helps them survive in specific environments • Compares survival advantages of body parts of different organisms for their environments
Students:	**RIT 181-190:** • Describes how body parts support survival in specific environments • Identifies the type of environment in which organisms live based on their adaptations • Describes how behavioral adaptations help animals survive cold winters • Recognizes that camouflage is an adaptation that allows organisms to hide in their environments • Relates variations in bird beaks to food sources in specific environments • Identifies body parts that support survival in specific environments • Describes how organisms' coloration helps them survive in specific environments • Applies scientific knowledge to explain behavioral adaptations in particular habitats • Compares survival advantages of body parts of different organisms for their environments

Students:	**RIT 191-200:** • Describes how body parts support survival in specific environments • Identifies the type of environment in which organisms live based on their adaptations • Relates body parts and their functions to survival within specific environments • Describes how behavioral adaptations help animals survive cold winters • Relates variations in bird beaks to food sources in specific environments • Identifies body parts that support survival in specific environments • Describes how organisms' coloration helps them survive in specific environments • Relates characteristics of body structures to functions that promote survival in specific environments • Describes how differences in characteristics among members of a species may promote survival • Applies scientific knowledge to explain behavioral adaptations in particular habitats • Compares survival advantages of body parts of different organisms for their environments
Students:	**RIT 201-210:** • Describes how body parts support survival in specific environments • Identifies the type of environment in which organisms live based on their adaptations • Relates body parts and their functions to survival within specific environments • Relates variations in bird beaks to food sources in specific environments • Describes how organisms' coloration helps them survive in specific environments • Identifies skeletal structures adapted for certain environments • Applies scientific knowledge to explain behavioral adaptations in particular habitats • Compares survival advantages of body parts of different organisms for their environments
Students:	**RIT 211-220:** • Relates body parts and their functions to survival within specific environments • Analyzes and interprets data to provide evidence for claims about behavioral adaptations • Relates variations in bird beaks to food sources in specific environments