Science 3 – 5 for use with NGSS 2013:

Life Science: From Molecules to Organisms: Structures and Processes

Behavioral Responses

Students	Learning Continuum Statements:
Students:	**RIT 171-180:** • Gives examples of behaviors that help humans stay warm in cold weather • Recognizes tools that extend human senses • Identifies how animals respond to internal cues with behaviors that help them survive
Students:	**RIT 181-190:** • Recognizes tools that extend human senses • Identifies how animals respond to internal cues with behaviors that help them survive • Relates the position of a light source to the direction of plant growth • Describes animals' responses to danger
Students:	**RIT 191-200:** • Analyzes and interprets data to determine the sensitivity of skin to touch and heat • Recognizes tools that extend human senses • Models the transfer of information from the senses to the brain to resulting animal behaviors • Relates the position of a light source to the direction of plant growth • Recognizes that changes in environments cause animals to respond with certain behaviors • Describes animals' responses to danger
Students:	**RIT 201-210:** • Identifies external cues for migratory behaviors • Analyzes and interprets data to infer effects of temperature and daylight on trees • Describes how various inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses • Analyzes and interprets data to determine that plants grow toward light sources • Models how inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses • Recognizes tools that extend human senses • Models the transfer of information from the senses to the brain to resulting animal behaviors • Relates the position of a light source to the direction of plant growth

Students:	**RIT 211-220:** • Describes how trees respond to seasonal environmental changes • Describes how various inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses • Infers questions being investigated about organisms' responses to light • Predicts outcomes of investigations about responses of plants to gravity • Models how inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses • Models the transfer of information from the senses to the brain to resulting animal behaviors • Predicts outcomes of investigations about responses of microorganisms to environmental changes • Describes the transfer of information from the senses to the brain to behavioral responses
Students:	**RIT 221-230:** • Describes how plants respond to gravity • Models how inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses
Students:	**RIT 231-240:** • Models how inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses
Students:	**RIT 241-250:** • Models how inputs are received by the senses, are transferred through nerve cells to the brain, and result in behavioral responses