INVESTIGATE THE WORLD
What is the evidence that the student uses scientific procedures and disciplines to investigate natural and/or human global phenomena?

- **SCI3-5.INV1.QUSTN.** Raises questions about a science issue.
- **SCI3-5.INV2.SOURC.** Gathers background information from a limited number of sources and begins to analyze these sources.
- **SCI3-5.INV3.MODEL.** Identifies existing theories and/or models related to a scientific question.
- **SCI3-5.INV4.XPRMT.** Designs an experiment that is related to the stated question and bases conclusions on opinions as well as some observation, measurement, and data.

RECOGNIZE PERSPECTIVES
What is the evidence that the student interprets and discusses scientific data in the context of complex global systems?

- **SCI3-5.PERS1.CNTXT.** Identifies and uses a single context to explain a global science issue.
- **SCI3-5.PERS2.DATA.** Organizes and restates experimental data, begins to identify patterns, and refers back to the original question in the conclusion.
- **SCI3-5.PERS3.QUSTN.** Poses new questions with some relevance to the research findings.

COMMUNICATE IDEAS
What is the evidence that the student advances and defends arguments that foster collaboration among diverse audiences?

- **SCI3-5.COMM1.PRCDR.** Describes experimental and/or research procedures generally, but cannot replicate them and bibliographic format for references or citations is inconsistent.
- **SCI3-5.COMM2.VSULS.** Presents data with visual representations, demonstrating a basic understanding of the science issue and experimental or research presentation partially follows the conventions of scientific communication.
- **SCI3-5.COMM3.TECH.** Uses technology and media to express ideas and collaborate within the classroom.
- **SCI3-5.COMM4.FORMT.** Selects from limited communication choices, indicating a basic understanding of a science issue.

TAKE ACTION
What is the evidence that the student translates scientific inquiry or research results into actions that increase awareness and improve global conditions?

- **SCI3-5.ACT1.PLAN.** Develops a basic action plan that describes positive actions or policy.
- **SCI3-5.ACT2.IMPCT.** Identifies available technology for selected actions.
- **SCI3-5.ACT3.IMPLT.** Implements and discusses an action plan.
- **SCI3-5.ACT4.RFLCT.** Mentions in a reflection how feelings and thinking about the issue was informed by the project.