Iowa Science

Science and Engineering Practices

Student Sensemaking of phenomena

1 **Asking questions and defining problems.** 1

2 **Planning and carrying out investigations.** 2

3 **Analyzing and interpreting data.** 3

4 **Using mathematical and computational thinking.** 4

5 **Engaging in argument from evidence.** 5

6 **Obtaining, evaluating and communicating information.** 6

7 **Constructing explanations and designing solutions.** 7

8 **Developing and using models.** 8