

Grades K-5 Common Core and Washington State Science Standards Typically Addressed Through the Field Investigation Process

	Science Crosscutting Concepts & Abilities	Mathematics	English Language Arts
K-1	<p>K-1 SYSA – Parts K-1 INQA – Question and Investigate K-1 INQC – Explain and Infer K-1 INQD – Using Drawings and Words to Communicate K-1 INQE – Repeated Observations K-1 INQF – Intellectual Honesty</p>	<p>K.CC.5 – Count to Answer “How Many?” Questions K.MD.1 – Describe Measurable Attributes of Objects 1.MD.4 – Organize, Represent and Interpret Data</p>	<p>K.RI.1 – Ask and Answer Questions K.RI.2 – Identify Main Topic and Key Details K.RI.4 – Discuss Unknown Words in a Text K.W.2 – Compose Informative/Explanatory Texts K.W.7 – Participate in Shared Research and Writing Projects K.W.8 – Recall or Gather Information to Answer a Question K.SL.1 – Participate in Collaborative Conversations with Diverse Partners 1.RI.1 – Ask and Answer Questions 1.RI.2 – Identify Main Topic and Key Details 1.RI.4 – Determine or Clarify Words and Phrases in a Text 1.RI.5 – Use Text Features to Locate Key Facts or Information 1.W.2 – Write Informative/Explanatory Texts 1.W.7 – Participate in Shared Research and Writing Projects 1.W.8 – Recall or Gather Information to Answer a Question 1.SL.1 – Participate in Collaborative Conversations with Diverse Partners</p>
2-3	<p>2-3 SYSA – Interacting Parts 2-3 INQA – Question 2-3 INQB – Planning Investigations 2-3 INQC – Infer 2-3 INQD – Tools for Investigations 2-3 INQF – Explain 2-3 INQG – Communicate, Intellectual Honesty</p>	<p>2.MD.10 – Drawing and Using Picture and Bar Graphs 3.MD.3 – Drawing and Using Scaled Picture and Bar Graphs</p>	<p>2.RI.1 – Ask and Answer Questions 2.RI.2 – Identify Main Topic and Focus of Specific Paragraphs 2.RI.4 – Determine the Meaning of Words and Phrases in a Text 2.W.2 – Write Informative/Explanatory Texts 2.W.7 – Participate in Shared Research and Writing Projects 2.W.8 – Recall or Gather Information to Answer a Question 2.SL.1 – Participate in Collaborative Conversations with Diverse Partners 3.RI.1 – Ask and Answer Questions 3.RI.2 – Identify the Main Idea of a Text & How Details Provide Support 3.RI.4 – Determine the Meaning of Words and Phrases in a Text 3.W.2 – Write Informative/Explanatory Texts 3.W.4 – Produce Writing Appropriate to Task and Purpose 3.SL.1 – Participate in Collaborative Conversations with Diverse Partners</p>
4-5	<p>4-5 SYSA – Subsystems 4-5 SYSC – Inputs and Outputs 4-5 INQA – Question 4-5 INQB – Types of Investigations 4-5 INQC – Validity and Fairness 4-5 INQD – Collect and Record Data 4-5 INQE – Repeated Trials 4-5 INQF – Models 4-5 INQG – Explain 4-5 INQH – Communicate 4-5 INQI – Intellectual Honesty</p>	<p>4.NBT.4 – Addition and Subtraction of Multi-Digit Numbers 4.MD.1 – Measurement Conversions 5.NBT.6 – Whole Number Quotients 5.NBT.7 – Add, Subtract, Multiply and Divide Decimals 5.MD.1 – Measurement Conversions to Solve Real World Problems 5.G.2 – Graphing and Interpreting</p>	<p>4.RI.2 – Determine the Main Idea and Supporting Details, Summarize 4.RI.4 – Determine the Meaning of Words and Phrases in a Text 4.W.2 – Write Informative/Explanatory Texts 4.W.4 – Produce Writing Appropriate to Task, Purpose and Audience 4.SL.1 – Participate in Collaborative Conversations with Diverse Partners 5.RI.2 – Determine Main Ideas and Supporting Details, Summarize 5.RI.4 – Determine the Meaning of Words and Phrases in a Text 5.W.2 – Write Informative/Explanatory Texts 5.W.4 – Produce Writing Appropriate to Task, Purpose and Audience 5.SL.1 – Participate in Collaborative Conversations with Diverse Partners</p>