Race Around the Rim Relevant Washington State Science Standards, 2009

Mathematics
4.2. Core Content: Fractions, decimals, and mixed numbers
5.1. Core Content: Multi-digit division (Operations, Algebra)
5.2. Core Content: Addition and subtraction of fractions and decimals
6.1. Core Content: Multiplication and division of fractions and decimals

Reading
4th – 8th EALR 3: The student reads different materials for a variety of purposes.

Arts
4th – 8th EALR 2: The student demonstrates thinking skills using artistic processes of creating, performing/presenting and responding, in dance, music, theatre and visual arts.

Communication
4th – 8th EALR 1: The student uses listening and observation skills and strategies to gain understanding.
4th – 8th EALR 2: The student uses communication skills and strategies to interact/work effectively with others.
4th – 8th EALR 3: The student uses communication skills and strategies to effectively present ideas and one’s self in a variety of situations.

Social Studies
4th – 8th EALR 3: GEOGRAPHY The student uses a spatial perspective to make reasoned decisions by applying the concepts of location, region, and movement and demonstrating knowledge of how geographic features and human cultures impact environments.
4th – 8th EALR 5: SOCIAL STUDIES SKILLS The student understands and applies reasoning skills to conduct research, deliberate, form, and evaluate positions through the processes of reading, writing, and communicating.

Science
4-5 INQB Investigate Scientists plan and conduct different kinds of investigations, depending on the questions they are trying to answer. Types of investigations include systematic observations and descriptions, field studies, models, and open-ended explorations as well as controlled experiments.

4-5 LS1A Plants and animals can be sorted according to their structures and behaviors.

6-8 INQC Investigate Collecting, analyzing, and displaying data are essential aspects of all investigations.

6-8 LS2A An ecosystem consists of all the populations living within a specific area and the nonliving factors they interact with. One geographical area may contain many ecosystems.