

## 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

**4<sup>th</sup> – 8<sup>th</sup> EALR 3:** The student reads different materials for a variety of purposes.

### Arts

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

### Communication

**4<sup>th</sup> – 8<sup>th</sup> EALR 1:** The student uses listening and observation skills and strategies to gain understanding.

**4<sup>th</sup> – 8<sup>th</sup> EALR 2:** The student uses communication skills and strategies to interact/work effectively with others.

**4<sup>th</sup> – 8<sup>th</sup> EALR 3:** The student uses communication skills and strategies to effectively present ideas and one's self in a variety of situations.

### Social Studies

**4<sup>th</sup> – 8<sup>th</sup> 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.

**4<sup>th</sup> – 8<sup>th</sup> 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.