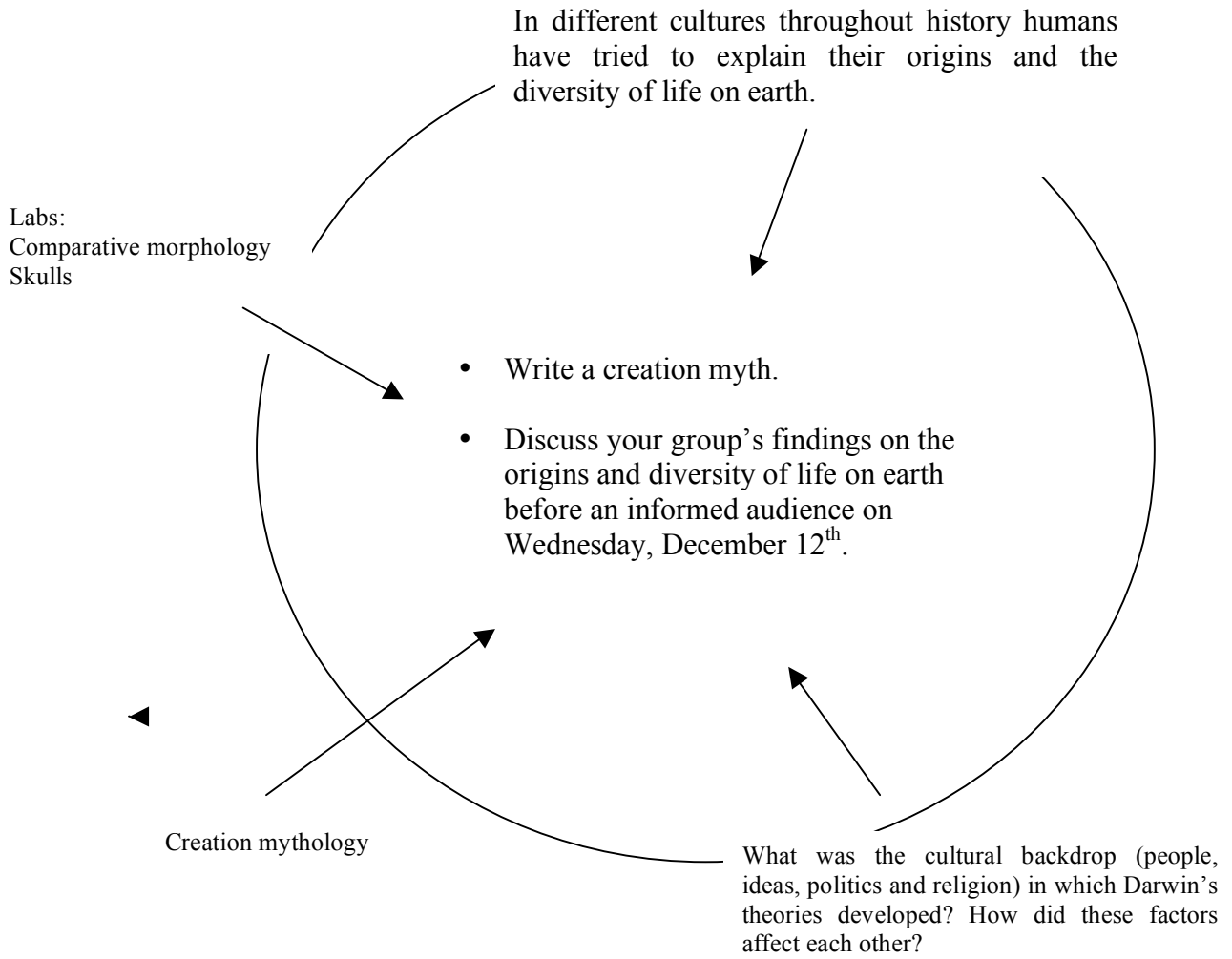


Origins 07-08



Language Arts

Creative writing/story telling
Theme
Persuasive writing

Science

Understanding a theory
Understanding evidence for evolution (biologic, geologic, biochemical)
Evolution of an anatomical system
Understanding the mechanism of natural selection

Social Studies

Global origin beliefs
What influenced Darwin's thinking?
Evolution of an idea

Origins Standards 2007-08

Science

Concepts & Processes (1)

- Molecular basis of heredity
- Biological evolution
- Behavior and adaptation
- Origin and evolution of the earth system

Inquiry (2)

- Research
- Communicate results
- Science and technology
- Use of lab equipment

Nature and History of Science (3)

Social Studies

Culture and Cultural Diversity (2)

- Various cultural influences impact society
- Shared cultural experiences influence personal perceptions of historical figures and world events

People, Places, Environment (5)

- Organize and process information about people, places & environment

Language Arts

Reading (1)

- Understanding of literacy text
 - Inferential comprehension (compare and contrast)
 - Author's intention
 - Predictions
- Variety of sources
- Understanding of informational resources

Writing (2)

- Bibliography
- Writing expressive pieces
- Writing w/ audience in mind
- Organization/focus

Speaking & Listening (3)

- Formal presentation
- Details to support ideas
- Group discussion
 - consider other's ideas before speaking
 - constructive criticism
 - lead, participate & moderate

Vocabulary

- Diversity
- Population
- Resources
- Natural Selection
- Adaptation
- Behavior
- Genetic Variation
- Speciation
- Evolution
- Geologic Time Scale
- directional Selection
- Disruptive Selection
- Stabilizing Selection
- Convergent Evolution
- Divergent Evolution
- Homologous
- Analogous
- Isolation