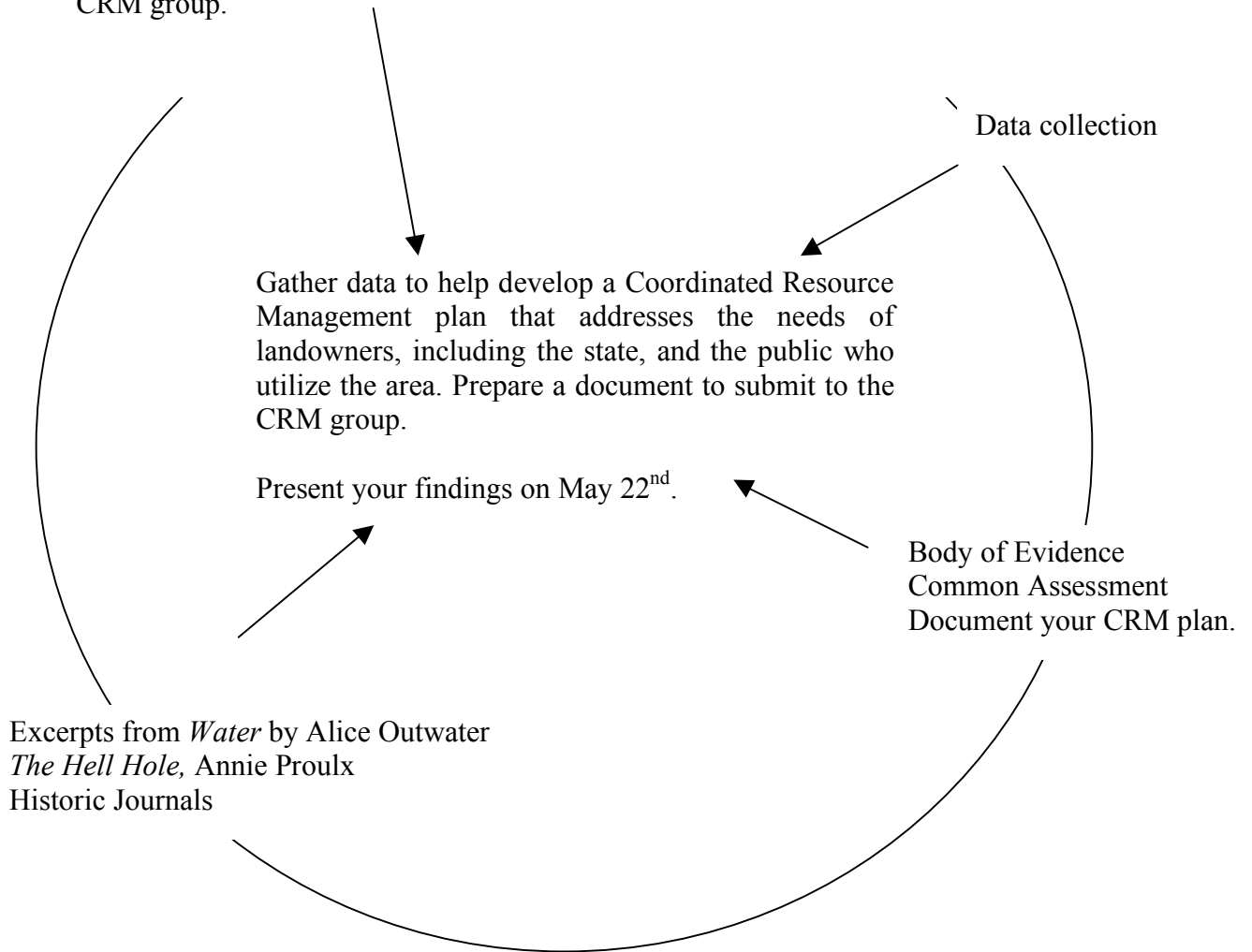


CRM Problem 2008

The Natrona County Conservation District has a CRM on prairie dogs. Should state and federal funds be used to control populations through poisoning, trapping or other means? A field study is needed to collect data to support decisions made by this CRM group.



LA
Read
Write
Speak
Persuade

SCI
Data collection, sampling techniques, data representation
Prairie ecology and food webs
Prairie dog habitat
Prairie dog behavior
Plant Identification
Predator –Prey relationships

SS
Government agencies
Group process
Decision making
History of area, history of prairie dogs in this area

CRM Standards 2008

Science

Concepts & Processes (1)

- Interdependence of Organisms
- Behavior and adaptation
- Geochemical Cycles

Inquiry (2)

- Research and present findings
- Use inquiry to conduct scientific investigations
- Communicate results of their work as well as information from other sources

History and Nature of Science

- Impact of science on decisions
- Historical misuse of scientific information to make decisions
- Interdisciplinary connections
- Origins, limitations, and conservation of natural resources

Social Studies

Citizenship, government, democracy

- Explain/demonstrate how to participate in the political processes

Time, continuity and change

- Interactions among individuals and groups and their impact on significant historical events
- Explain how past events impact present and future

People, Places, Environment (5)

- Interpret charts, maps and graphs to answer questions
- Organize and process information

Language Arts

Reading (1)

- Understanding of literacy text
- 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