

Science Online Program

IVDL

18 November 2008

3:30 PM-4:30 PM

www.infohio.org

- Click on Resources for Grades 9-12
- Click on Science Online
- Exploring the homepage
 - Exploring Subjects
 - Today's Science Feature
 - Browse science resources
 - Science in the news
 - Focus on
- Basic Search
 - Type in "cloning"
 - 314 hits-topics, terms, and principles-images, videos, and animations-experiments and activities-biographies, news articles
 - Page Tools
 - Citation information

⇒ Questions/Answers

Using the database in class assignments:

Assignment 1

Ecological Brochure/Ecological Poster

*Assignment Sheet with list of topics

Print materials and electronic resources

Template with brochure layout includes:

Trifold

Title/name/period

Definition of topic

5 key terms with definitions

3 summaries of news articles

Paragraph on views

Bibliography

Rubric for grading

⇒ Questions/Answers

Assignment 2

Chemical Elements

Print materials and electronic resources

Each student will be assigned 2 elements to research and create a powerpoint.

Research includes discovery, element specifics, and uses and applications of the elements.

Motto for element using element name instead of atomic number

Bibliography slide must be included.

⇒ Questions/Answers

Assignment 3

Debates in Biology

Group Assignment (assigned)

Print materials and electronic resources

Topics include:

Avian flu, genetically engineered humans, genetically engineered food, stem cell research, cloning, genetic screening, DNA fingerprinting, biological warfare

Debates will include discussion of:

Group position

Support for position

Support for the opposite position/challenges

Written assignment for group

Individual copy of Work Log sheet-computer research log, book reading log, other sources, organization for presentation, role of individual in presentation

⇒ Questions/Answers

Assignment 4

Endangered Animals

Print materials and electronic resources

Individual assignment

Provide basic info on an endangered animal

Written report with visual aid for class presentation

⇒ Questions/Answers/Wrap-up

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