

ASA Presentation Notes

Unit Name: [Unit 3 Animal Handling and Safety](#)

Lesson Topic: [Lesson 3.1 Animal Rights or Animal Wrongs](#)

Presentation on: [Guidelines for Using Animals in Education](#)

Notes from Presentation:

Principle 1 – Intrusion.

- Not intrusive – encouraged for all classes of organisms.
 - Does not interfere with animal health, well-being, or cause discomfort.
- Intrusive – only when deemed appropriate.
 - Use plants if possible.
 - Use invertebrates with no nervous system.
 - Use vertebrates only when required and only under recommended conditions (See Slide 11).

Principle 2 – Supervision.

- Animal studies should only be conducted under careful, knowledgeable, and experienced supervision.

Principle 3 – Daily Care.

- Proper care for animals must be provided daily.
 - Nutritious food.
 - Clean, fresh water.
 - Clean, spacious housing.
 - Appropriate temperature and lighting.

Principles 4 and 5 – Health.

- Students and teachers should report all injuries, allergies, or illnesses immediately.
 - Includes scratches and bites.

Principle 6 – After the Lab.

- Have a plan for the animal after labs are complete.

Principle 7 – Side-effects?

- No experiments that:
 - cause pain or discomfort or interfere with the health or well-being of an animal;
 - induce nutritional deficiencies or toxicities; or.
 - expose animals to disease or injury causing agents.

Principle 8 – Poultry Abnormalities.

- Experiments on avian embryos that might result in abnormal chicks or in chicks that might experience pain or discomfort shall be terminated 72 hours prior to the expected date of hatching.
- The eggs shall be destroyed to prevent inadvertent hatching.

Principle 9 – Conditioning.

- Behavioral conditioning.
 - No aversive stimuli.
 - Never withhold water.
 - Food withholding for as short of time possible, never more than 24 hours.

Principle 10.

- Create a plan for conducting experiments including:
 - A hypotheses or principles to be tested or taught;
 - A summary of what is known about the subject under study;
 - A justification for the use of the species selected and consideration of why an alternative cannot be used; and.
 - A detailed description of the methods and procedures including experimental design, data analysis, and all aspects of animal procurement, care, housing, use, and disposal.

ASA Reflection Page

List 5 key points that are important to remember from this presentation.

1.

2.

3.

4.

5.

List 3 ideas or concepts that this new information has in common with previous things learned.

1.

2.

3.

List questions or ideas that remain unclear about the information presented that should be asked for clarity at the appropriate time.