

Name: _____ Alyse _____

CASE

Curriculum for Agricultural Science Education

Unit: _____ 3 _____

Lesson Name: _____ 3.1 _____

Presentation on: _____ Guidelines for Using Animals in Education _____

Notes from Presentation:

- not intrusive- 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 systems
 - use vertebrates only when needed and under recommended conditions
- animals studies should be only done if there is careful, knowledgeable, and experienced supervision
- proper care must be provided daily
 - nutritious food
 - clean fresh water
 - clean spacious housing
 - appropriate temp and lighting
- animals should be healthy and disease free
- vet care should be provided when needed
- should report all injuries, allergies, or illnesses of the people
 - including scratches and bites
- have a plan for the animals after the labs are over
- should not be released unless approved of by officials
- No experiments that...
 - cause pain or discomfort or interfere with the health or well-being of the animal
 - introduce nutritional deficiencies or toxicities
 - expose animals to disease or injury causing agents
 - pain in humans = pain in animal
- experiments on bird eggs that might result in abnormal chicks or chicks that are in pain or discomfort shall be ended 72 hours prior to hatching
- the eggs will be destroyed to prevent unintentional hatching
- behavioral conditioning
 - no aversive stimuli
 - never withhold water
 - food withholding should be as short as possible and never more than 24 hours
- experiment plan should include...
 - a hypothesis
 - summary of what's known
 - a reason why this animal is used and why not something can be used
 - a detailed description of methods and procedures



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

1. only use vertebrates under specific conditions
2. you have to destroy bird eggs if something in the experiment went wrong and would hurt the chicks
3. you need to report all kinds of injuries, allergies, etc. of a person

4. you can't just let the animal go after you are done with the experiment
5. you can never withhold food for longer than 24 hours

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

1. nutritious food
2. clean fresh water
3. nice roomy housing

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

N/A