

NON-HUMAN VERTEBRATE ENDORSEMENT

The Illinois Junior Academy of Science

THESE RULES WILL BE STRICTLY ENFORCED FOR THE STATE SCIENCE EXPOSITION. NO REGION SHOULD SEND A PROJECT TO THE STATE EXPOSITION THAT DOES NOT MEET THESE REGULATIONS.

Students and sponsors doing a non-human vertebrate project must complete this form. The signature of the student or students and the sponsor indicates that the project was done within these rules and regulations. Failure to comply with these rules will mean the disqualification of the project at the state level. This form must follow the safety sheet in the project paper.

- (1) The student and the sponsor have the responsibility to see that all animals have proper care in well-ventilated, properly lighted locations with proper nutrition, proper temperature, adequate water, and sanitary surroundings. Care must be taken to see that the organisms are properly cared for during weekends and vacation periods.
- (2) No cultures involving warm-blooded animals (mouth, throat, skin, or otherwise) will be allowed. However, cultures purchased from reputable biological supply houses or research facilities are suitable for student use.
- (3) No intrusive or pain producing techniques may be used. Included in these techniques would be things such as surgery, injections, taking of blood, burning, electrical stimulation or giving of over-the-counter or prescription drugs and other chemical agents to measure their effect.
- (4) No changes may be made in an organism's environment that could result in undue stress, an injury, or death to the animal.
- (5) No vertebrates can be used as the independent or dependent variables in an experiment that could result in undue stress, an injury, or death to the animal.
- (6) For maze running and other learning or conditioning activities, food or water cannot be withheld for more than 24 hours. If the animal has a high metabolic rate, then food or water cannot be withheld for more than 4 hours or whatever time frame does not produce undue stress on the animal.
- (7) Chicken or other bird embryo projects must be terminated at or before ninety-six hours.
- (8) Projects that involve behavioral studies of newly hatched chickens or other birds will be allowed if no changes have been made in the normal incubation and hatching of the organism, and that all vertebrate rules are followed.

In this space, briefly describe the use of non-human vertebrates in your project. Use the back page if necessary.

The signatures of the student or students and sponsor below indicate that the project conforms to the above rules of the Illinois Junior Academy of Science.

(Sponsor)

(Student)

(Date)

(Student)