

CWSF 2013 - Lethbridge, Alberta



Jeremy Shea, David Jones

Meal Metamorphosis

Challenge: Discovery

Category: Intermediate

Region: Central Newfoundland

City: Marystown, NL

School: Pearce Jr. H.S.

Abstract: Lizards prefer the larval stage of the mealworm over the adult stage. It is financially beneficial to keep the mealworm in its larval form for a longer period of time. This experiment shows that by choosing a certain food and temperature the larval growth and development can be made to suit the dietary requirements of the lizard.

Biographies

Jeremy - I have had a lot of interest in many types of activities that have to do with science, sports, and with building things. Such as the interest to do a good science project, being part of sports teams, and the robotics team at my school. I have received awards in all these areas. My friend and I got the idea for the project when his father asked us to help him with an experiment. We found it so interesting the first time that we decided to further investigate the topic of meal worms by testing the different food and liquids in their meals to see their growth. Also, that is my advice that I have for other students that want to do a project, to do...

David - My name is David Jones. I attend Pearce Junior High School in Burin, Newfoundland and Labrador. I enjoy playing sports inside and outside of school with my friends. My project was inspired by my father who raises meal worms to feed the lizard in the lab at the college where he teaches. I wanted to find a way to keep the meal worms at larval stage for a longer period of time. The project "Meal Metamorphosis" at this moment in time has two variations; the first stage was completed two years ago where my associate Jeremy Shea and I tested the effects of different types of food on the growth and development of the larval mealworms. The current sta...