Meal Worm Lab (part 2) Please do not write on class set.

In this lab you are going to design a lab to answer a specific question.

1. **Question:** Do meal worms prefer a dry or moist environment?
2. **Background Research:** (write three facts you know about meal worms)
3. **Hypothesis:** (Write which environment a meal worm would prefer and an educated guess as to why they would prefer that type of environment.)
4. **Materials:** 2 Dissection pans, 2 paper towels, 1 cardboard piece, 4 pieces of tape, 1 marker pen, 11 live mealworms, 1 ruler, timer/watch/ clock.
5. **Procedure:** (Write a step by step procedure to test your hypothesis)
6. **Data:**
   1. (diagram your experimental set up (how you set up your trays), do not touch the meal worms)
   2. Make a data table for your experiment similar to the one below

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1. Conduct your experiment.
2. **Conclusion:** write 3-6 sentences. Your conclusion should include.
   1. A brief description of your data in words (The average distance the worms traveled was… , 7 out of 10 worms traveled towards…).
   2. Your interpretation of the data (eg.. My data shows…).
   3. A statement if your hypothesis was supported by the data and Why or Why Not (eg. My hypothesis was supported because…)