

TYPED Science Fair Research Outline

Directions: Use the written information from your first draft worksheet and type the information up into an essay using the outline format below.

Name

Section

Science Fair Research

Date

(Title of Project)

First paragraph includes: # 1,2,3, In complete sentences explain the variables you will be testing. Write hypothesis.

Example: "How does fertilizer affect the growth rate of plants? I chose this question because I am interested to learn about fertilizers and the way plants grow. This topic is important because plants are an important part of our ecosystem and learning about how fertilizers affect plants will help people keep their ecosystems healthy. If I add store bought fertilizer to my plant and home made compost fertilizer to my plant then the plant with the home made compost fertilizer will grow the tallest."

Second paragraph includes # 6 and 7

Example: The first key topic in my experiment is fertilizer. Fertilizer is made of.... Fertilizer was first created inby... The information I learned about fertilizer helps me understand my experiment because.....

Third paragraph includes # 8 and 9

Example: The second key topic in my experiment is plants. Plants are organisms that can make their own food. The physical features of a plant are...Plants use photosynthesis....The information I learned about plants helps me understand my experiment because.....

Fourth paragraph: Restate testable question and hypothesis. Include what you wrote in #10.

Example: For my experiment I want to learn how fertilizers can affect the growth of plants. If I add store bought fertilizer to my plant and home made compost fertilizer to my plant then the plant with the home made compost fertilizer will grow the tallest. Fertilizer can be made of chemicals or compost material. The plants uses these specific chemicals as nutrients to grow healthy. Plants are constantly pulling nutrients from the soil up through their roots to be able to grow. Even though man made fertilizers have chemicals that will help the plant grow, there are also some chemicals that can be harmful to the environment. Therefore the home made compost will help the plant grow more.