Science Speech Organizer

The purpose of the speech is to present your Science Fair proposal to a group in order to receive feedback. It may also help others in their quest for research materials. Your speech must do the following:

- inform your audience of the purpose of your project
- share what you intend to present (i.e., hypothesis, conclusions)
- reveal your list of resources
- be open for comments, critiques and suggestions

You still must do a speech even if you are working in a group!

I. **Introduction** (background information on topic, intent, purpose)

II. **Hypothesis** (see Hypothesis writing package)

III. **Description of Project/Conclusions**(what will you do, share, reveal, present?)

IV. **Resources** (list of sources used for your Science Fair Project)

Science Speech Organizer

The purpose of the speech is to present your Science Fair proposal to a group in order to receive feedback. It may also help others in their quest for research materials. Your speech must do the following:

- inform your audience of the purpose of your project
- share what you intend to present (i.e., hypothesis, conclusions)
- reveal your list of resources
- be open for comments, critiques and suggestions

I. **Introduction** (background information on topic, intent, purpose)

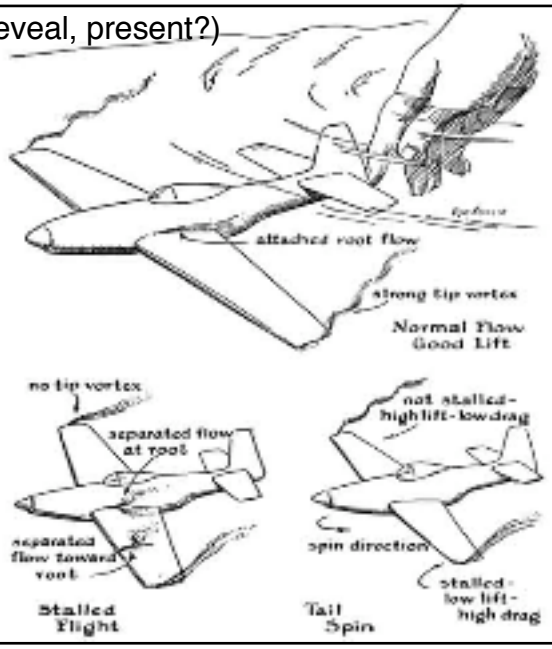
"Water is about 1000 time denser than air and, it turns out, that this fact makes it easy to study how planes fly at relatively slow speeds. **PROFESSIONS AERONAUTICAL ENGINEERS NOW USE THIS METHOD ROUTINELY TO PROTOTYPE THEIR NEW DESIGNS!"**

II. **Hypothesis** (see Hypothesis writing package)

If there is sufficient resistance against a wing of a plane, then it may effect the direction of which a plane is flying and control.

III. **Description of Project/Conclusions**(what will you do, share, reveal, present?)

"I intend to measure the lift achieved by classic designs. I will show how to make the slip-stream visible off any part of the plane. My experiment will demonstrate how the vortex affect operates as a function of lift. My Observations will reveal a plane's response to a thermal updraft. I then will test the stability of my own designs against stalling and spinning out of control. Finally, I will be finding out how turbulence affects how my airplane will fly."



IV. **Resources** (list of sources used for your Science Fair Project)

1. Singh, H. J., Aeronautics Made Easy, Toronto: Learning Free Press, 1999
2. Sarkar, M., Flying Free and Light, Toronto: Carver Press Inc., 2001
etc...