Suggested AAE Time Line for the

# Science Festival &

## INLAND SCIENCE AND ENGINEERING FAIR

Students

| Month | Student Activities |
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| **AUGUST** | • While carefully observing the world around you, use your interests and curiosity to develop a testable question or problem.<br>• Construct and use a science fair journal to record your observations, thoughts and ideas.<br>• Be sure to date and time every entry. |
| **SEPTEMBER & OCTOBER** | • Write up a science project proposal including a testable question or problem and get your teachers approval.<br>• Once your science project idea is approved, conduct library and Internet research on the main topic. |
| **NOVEMBER** | • Based upon the outcome of your library and Internet research, develop a working hypothesis.<br>• Develop a controlled experiment (to include an controlled and experimental procedures) |
| **DECEMBER** | • Get all the materials you need to start collecting data.<br>• Use the scientifically controlled experiment that you have created to start collecting data. Remember to take pictures.<br>• Make data tables to organize your data.<br>• Graph or chart the data you have collected to help you analyze it and draw conclusions about your hypothesis. |
| **JANUARY** | • Let your teacher know how you are doing on your project on a weekly basis.<br>• Ask to see the judging sheet that your instructor will use to "assess" your project.<br>• Begin to work out how you will display your finished project. |
| **FEBRUARY** | • Draw conclusions and determine if your data supports your hypothesis.<br>• Write your project report.<br>• Prepare your project notebook "Journal" for display.<br>• Enter your project into the AAE Science Fair |
| **MID – FEBRUARY** | • Write an abstract briefly summarizing what your project is about (the problem, your hypothesis(es), procedure, results and conclusions).<br>• **School-Site Science Fair Day** |

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| **LATE-FEBRUARY**<br><br>**To EARLY-MARCH** | • Make sure you have not used photographs showing "faces" on your exhibit display.<br>• If your project is selected at the AAE Science Festival, and you are in grades 4-12, make sure have pre-registered on-line. |
| **Early APRIL** | • If your project is selected at the AAE Science Festival, plan on attending the Inland Empire Science & Engineering Fair in San Bernardino @ the National Orange Fair |
| **MAY** | • If your project is selected at the Inland Empire Engineering and Science Fair, you may be eligible to go on to the State Science Fair. |