

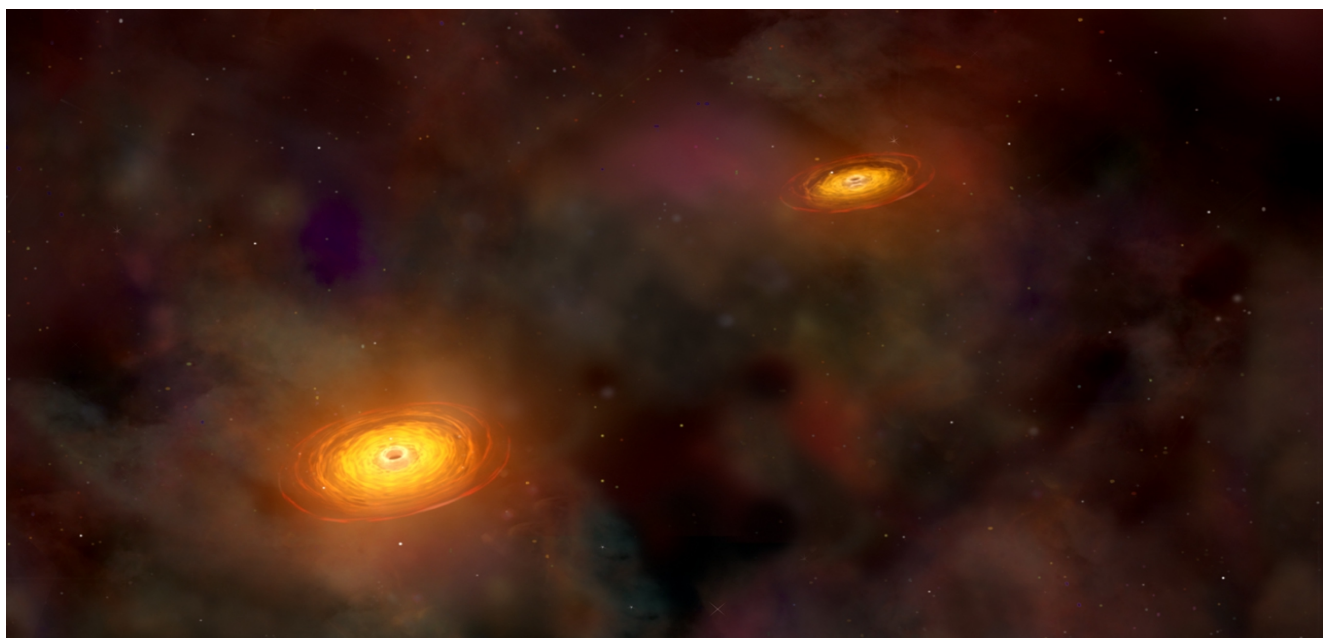
Discover, Invent, Explore Walnut Grove Science Fair

Which scientist is best known for his work on explaining the origins of the universe and black holes?

Stephen Hawking

Find out more at

wgsciencefair.com



Artist's illustration of supermassive black hole pair. Image credit: NASA/CXC/A.Hobart

Walnut Grove 19th Annual Science Fair

It's Science Fair time! Join your schoolmates by participating in this fun annual event by creating your own Science Fair Project!

SCIENCE FAIR WEBSITE: Visit the Walnut Grove Science Fair Website! Everything you need including cool ideas, how to present your project, and important dates is at: www.wgsciencefair.com

PRESENTATION BOARDS: Display boards are available for a small voluntary donation at the WG Main office while supplies last.

Important Dates!

Work on Your Science Project!

January 17th- March 11th

Spend this time to work on your science project!

Registration Day

Monday, March 11th

Multi-Purpose Room from 2:00pm to 7:00pm

Pre-register your project through the website (www.wgsciencefair.com), then bring your project with you to the Multi-Purpose Room between 2:00pm and 7:00pm to complete registration. If you don't get to pre-register, don't worry... of course, your project will still be accepted!

Interview Days

March 12th - March 13th

Students with science projects will be called from class and brought to the Multi-Purpose Room to discuss their project with a scientist. Classrooms will have walk through visits.

Science Fair Extravaganza!

Wednesday, March 13th

Multi-Purpose Room from 6:30pm to 8:00pm

The Walnut Grove Community is invited to come enjoy the amazing science projects created by our very own students. There will also be a scavenger hunt, raffle, and more!

Project Pick-Up

Wednesday, March 13th

Multi-Purpose Room from 8:00pm to 8:15pm (immediately following the Extravaganza!)

You are strongly encouraged to pick up your project after the Science Fair Extravaganza between 8:00pm and 8:15pm on March 13th. However, projects CANNOT be removed prior to 8:00pm.

Projects can also be retrieved Thursday morning (March 14th) between 8:00am and 10:00am at the back of the Multi-Purpose Room.

Types of Science Fair Projects

Experiment

An experiment answers a question using a set of steps called the Scientific Method. You start with a question, hypothesize (guess) the answer to the question, then design tests to tell if your guess was correct. Next you see if the results of your tests support your hypothesis. If your hypothesis was wrong, then you try to explain why.

Some examples of questions that lead to fun experiments:

- How can I prevent mold from growing on bread?
- Does the color of light used on plants affect how well they grow?
- Can you tell by smell which family member is standing next to you?
- What brands of bubble gum produce the biggest bubbles?

Engineering

Engineering projects can range from very simple to highly complex. Design a simple machine to solve a problem, or a complex electronic circuit, or a computer program. Get creative and have fun!

Fun examples of engineering projects:

- Working pinball machine
- Electrical circuit to power a fan
- Solar energy to cook a hot dog

Observation

An observation study begins with the selection of a topic and question that can be investigated by watching something over time.

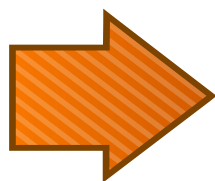
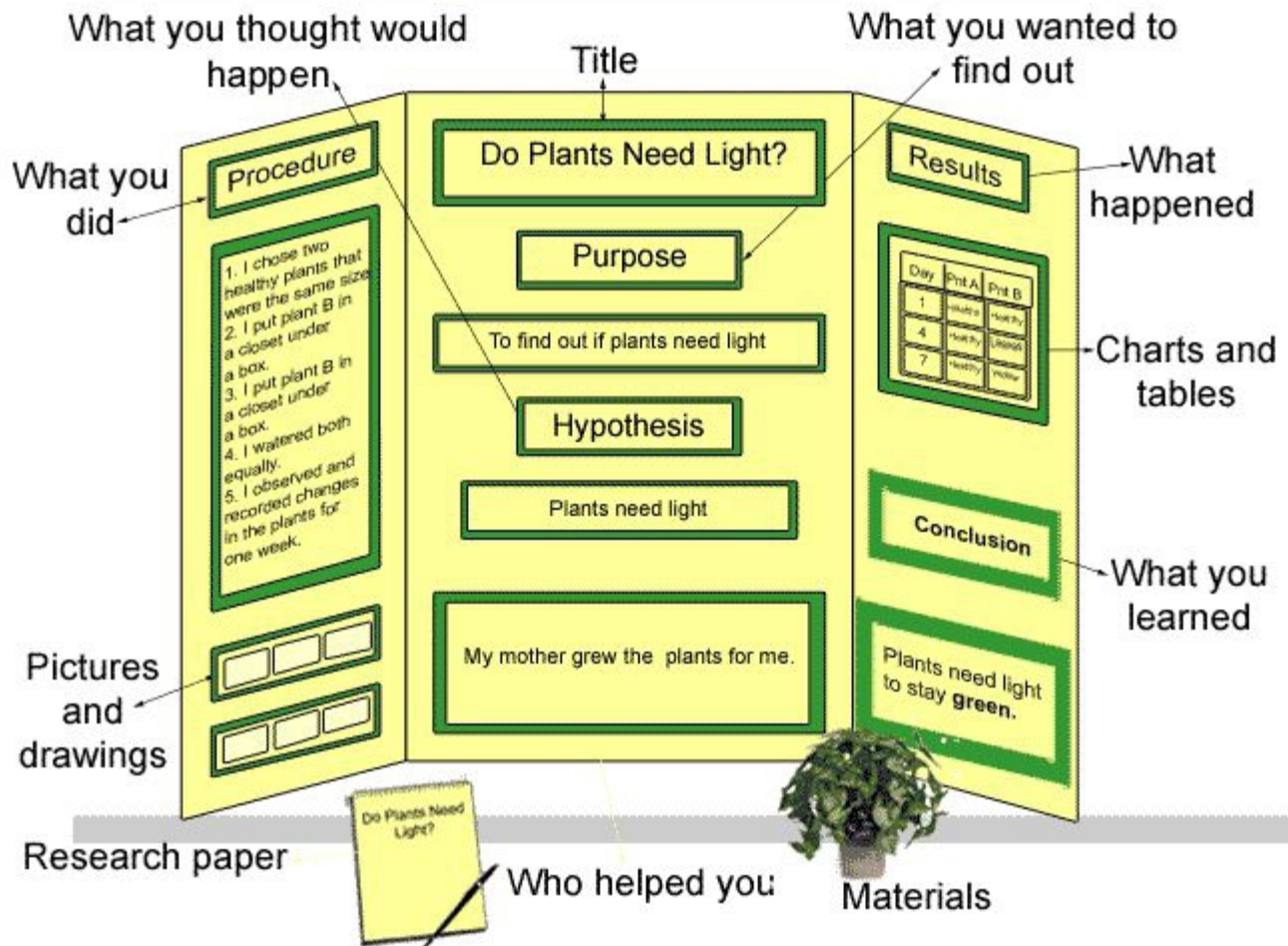
Examples of observations might be the eating habits of ants, changing phases of the moon, how a flower opens and closes during the day, how a crystal grows, or how your pet's behavior changes when different people greet her. You can use a camera to help capture your observations. Maybe even include video by using a QR code and uploading your video to YouTube.

Collection

A collection is a fun way to learn the proper names of a lot of objects. It involves collecting the objects, describing them, grouping them, and identifying them by their proper name.

Examples of a collection are: insects, seashells, rocks, weeds in your yard.

Displaying a Science Fair Project



Project display boards are available for a small voluntary donation at the WG office while supplies last!

More information at www.wgsciencefair.com

