

# WESTVALE



## Science Fair / Invention Convention Student Information Package



# What Is It?

An **optional event** that gives you a chance to have fun **preparing** and **presenting** something **scientific** to your class, friends, family and community!



# What You Bring?

Passion

Curiosity



Creativity

Fun

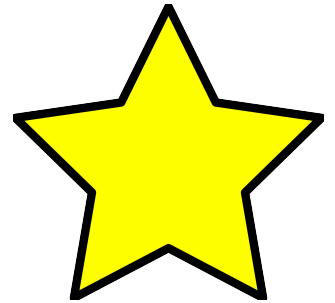
Ideas

Questions



# Also ... Participant Commitment

1. Represent **Westvale**
2. Think **start-to-finish** with project
3. Be present at **event** (day + evening)
4. Obey all **safety rules**



# Safety Rules

1. NO electricity from an outlet
2. NO flame
3. NO projectiles
4. NO food for giving out
5. NO project items on the floor



Safety is avoiding risk of physical injury



# 1. Choose a Question

Ask a *question* that you really want to answer!

Ask a question that *you* can answer by testing!



# Topic: An Example

What type of pop  
creates the BIGGEST  
reaction when mixed  
with Mentos candy?



# Topic: Need Ideas?



There are resources available:

- In your Westvale library
- On the Internet (with parents!)
- Ask parents, teachers, friends, experts
- Your imagination, what interests you?

Practicing scientists look at ideas  
and put new twists on them!





# 2. Answer Your Question

## Experiment

An investigation undertaken to test a prediction or educated guess (hypothesis).

Q: How can I test ...?

Ask a Question



Make a Prediction



Make a Plan & Follow



Observe



Record Results



Draw a Conclusion



# 2. Answer Your Question

## Invention

Some thing or method that solves problem or meets a need.

Q: How might we ...?

What is my Idea?



Research



Make a Plan & Follow



Testing, Observing & Recording



Draw a Conclusion



# Invention

How might we swim faster?

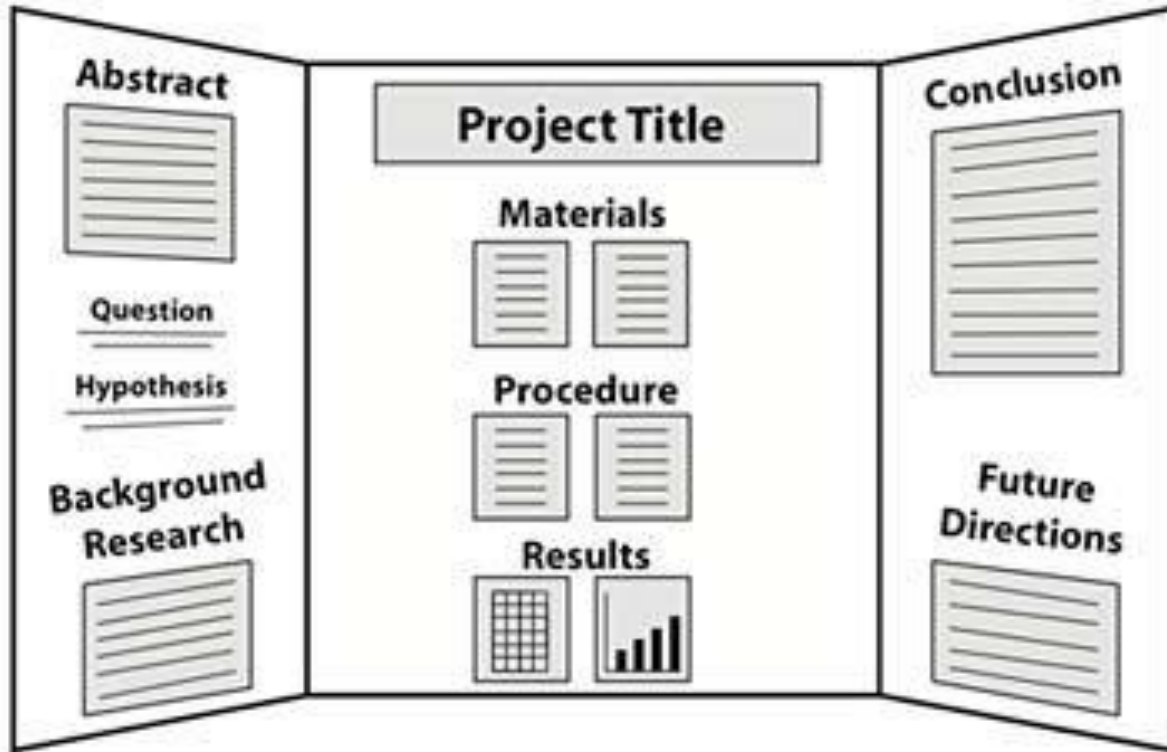


How might we stay cool and refreshed on hot summer's day?

How might we allow our body to work against the force of gravity?

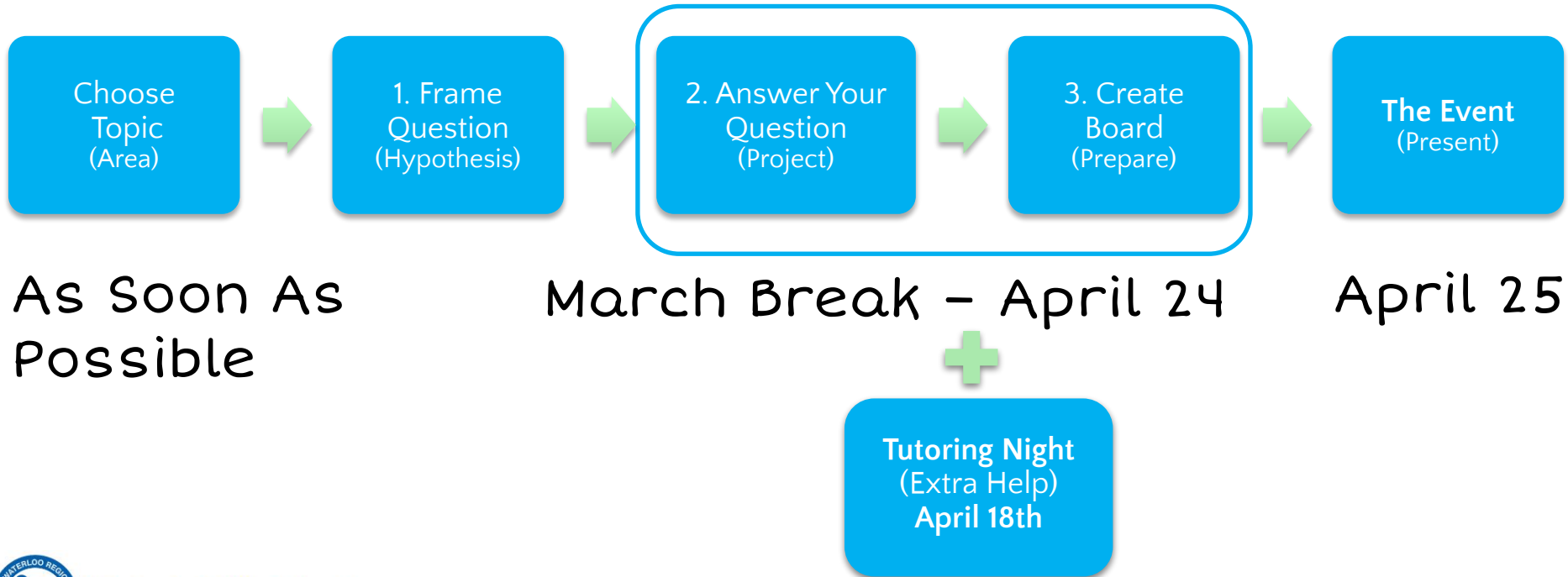


# 3. Create Your Board



Pick Up  
March  
19/20th

# Suggested Timeline



# Important 2024 dates!

Registration by March 18th end of Day

Tuesday March 19th - (JK - Grade 3) / Wednesday March 20th (Grade 4-6) - Instructional presentation and board pickup

Tuesday April 16th - Tutoring Night 3:30-5 pm - Library

Students who would like assistance with their projects are invited to meet in the library.

Wednesday April 24<sup>th</sup> - First Activity Break (JK - Grade 4) / Second Activity Break (Grade 5-6)

Mandatory registered student meeting in the library. We'll go over the details of final preparation of the projects.

Thursday April 25<sup>th</sup>

**Middle block of the school day:**

In-school portion of the Science Fair; Present your projects to the school community.

**Evening 6:30 to 7:30pm - SCIENCE FAIR/ INVENTION CONVENTION**

Present your project to the judges, parents and community members.



# The Event - Start Really Soon!

**WESTVALE**



Science Fair /  
Invention Convention



**6 Weeks Away**  
from March  
Break!



Westvale Public School

# Questions?



Westvale Public School

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