

SWS PTO STEM CHALLENGE 2023!



The SWS PTO STEM Challenge 2023! is an alternative concept to the typical science fair. The “STEM Challenge 2023!” is a competitive event hosted by the SWS PTO. Students are invited to investigate, research, create, and display a STEM based activity.

Who can participate?

All students from grade K-6 are welcome to participate

What are the prizes? .

There will be a 1st place, 2nd place, and 3rd place prize as well as People’s choice. Judges will decide the place prizes. Popular vote will determine people’s choice.

(Further into the planning we can decide if we would like to break up these large group into two groups K-2 & 3-6 both groups would have the possibility of winning 1,2,3 place and People’s choice)

When and where will this take place?

Friday March 31 in the school gym.

Who will judge the event?

SURPRISE JUDGE!

What are students expected to do?

It’s very simple! Students should research some STEM topics. They should find a topic they find interesting and make them want to learn more. Research the topic and create an experiment. Most importantly, students should have fun diving into this topic.

That's it?!?!

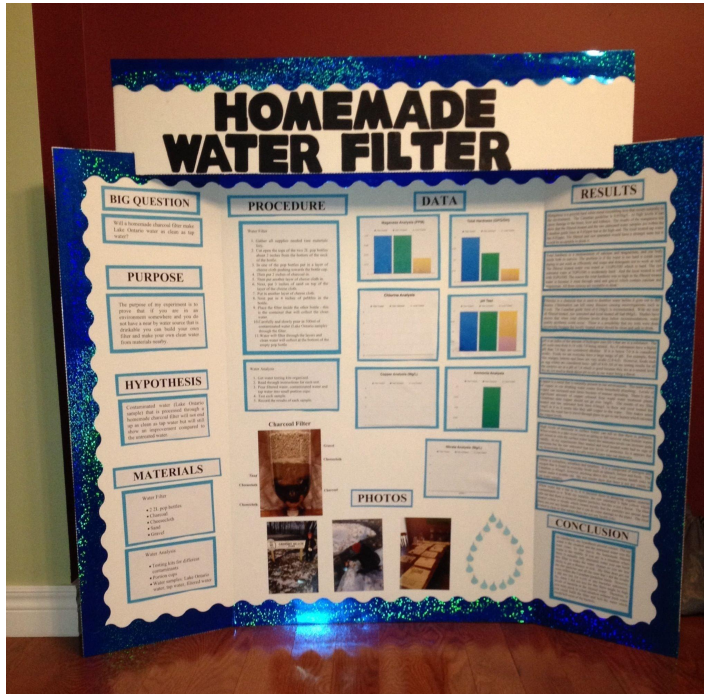
Well Yes and No. This is a competition after all. The more work you put into your project the higher you will score!

How can I win?

Glad you asked!

Here are some suggestions to make your project AWESOME!

1. A poster explaining your STEM Topic will get you major points



A neat and well thought out poster will make your work pop out!

2. **Visual aids, hands on activities, and props will make your project very appealing and inviting.**



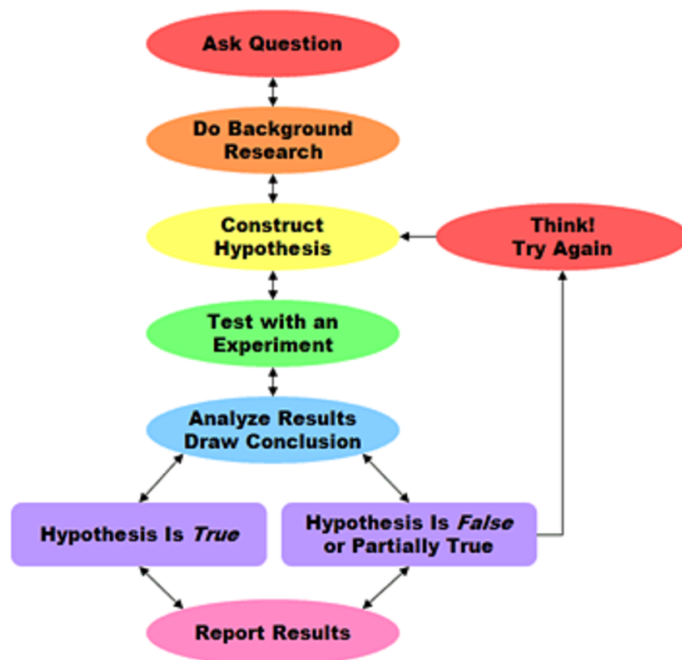
3. **Make your project interactive. Invite classmates to actually play with your project! Fully understanding your STEM topic will make it easy and fun to answer questions.**

4. **DRESS TO IMPRESS!**



5. **If you can incorporate the Scientific method into your project that will score you some MAJOR points**

Scientific Method



6. **HAVE FUN!** This is your chance to shine for your classmates, teachers, and family! You have the opportunity to be an expert on your topic.

What NOT to do!

DON'T STRESS! This is supposed to be **FUN!** Start small and build big.



Not the other way around!

Try not to blow up the school!



Although exciting please refrain from using fire, explosions, chemicals, and live ammunition.



Try to keep it clean. Messy experiments ARE fun but NO fun to clean up.

I'm Interested... What do I do now?

You have to be in it to win it! If you want to be a part of this awesome challenge:

Sign up here:

https://docs.google.com/forms/d/e/1FAIpQLSfhXOazj8luMp5bo6Kz107yrmkK7R6jIB77Z_UUmx1iUMXc4w/viewform?usp=sf_link

If possible we could have some interactive STEM activities surrounding the student's projects. These activities could be run by teachers.

Also possible to invite SWS alumni to assist.

GOOD LUCK TO EVERYONE!