

# Inquiry Based Learning

TELL ME AND I  
**FORGET.**

TEACH ME AND I  
**REMEMBER.**

INVOLVE ME AND I  
**LEARN.**

- BENJAMIN FRANKLIN



# Why Inquiry?

- ◆ *“It was only by taking the time to thoroughly investigate and interrogate a topic through dedicated inquiry that a falling apple became inspiration for the study of gravity and was eventually formalized into the scientific notation  $g = 9.81 \text{ m/s}^2$ , or that through the imaginative process of pretending to ride a light beam that  $E=MC^2$  was born. Our goal as educators is to help students make this leap – from intuitive understandings and natural curiosity to knowledge creation – to a space where ideas can be transformed into formalized understanding and further questioning.”*

# What is Inquiry Based Learning?

- ◆ Inquiry-based learning is a pedagogical approach that is education at its best ...

“Children must  
be taught  
**HOW TO THINK,**  
not what to think.”

*Margaret Mead*

[WWW.VERYBESTQUOTES.COM](http://WWW.VERYBESTQUOTES.COM)

# What is Inquiry Based Learning?

- ◆ IBL places students' questions, ideas and observations at the centre of the learning experience.
- ◆ Educators play an active role in moving children from a position of wondering to a position of understanding and further questioning. (Scardamalia, 2002).
- ◆ Founded on the principal that both educators and students share responsibility for learning.

# What is Inquiry Based Learning?

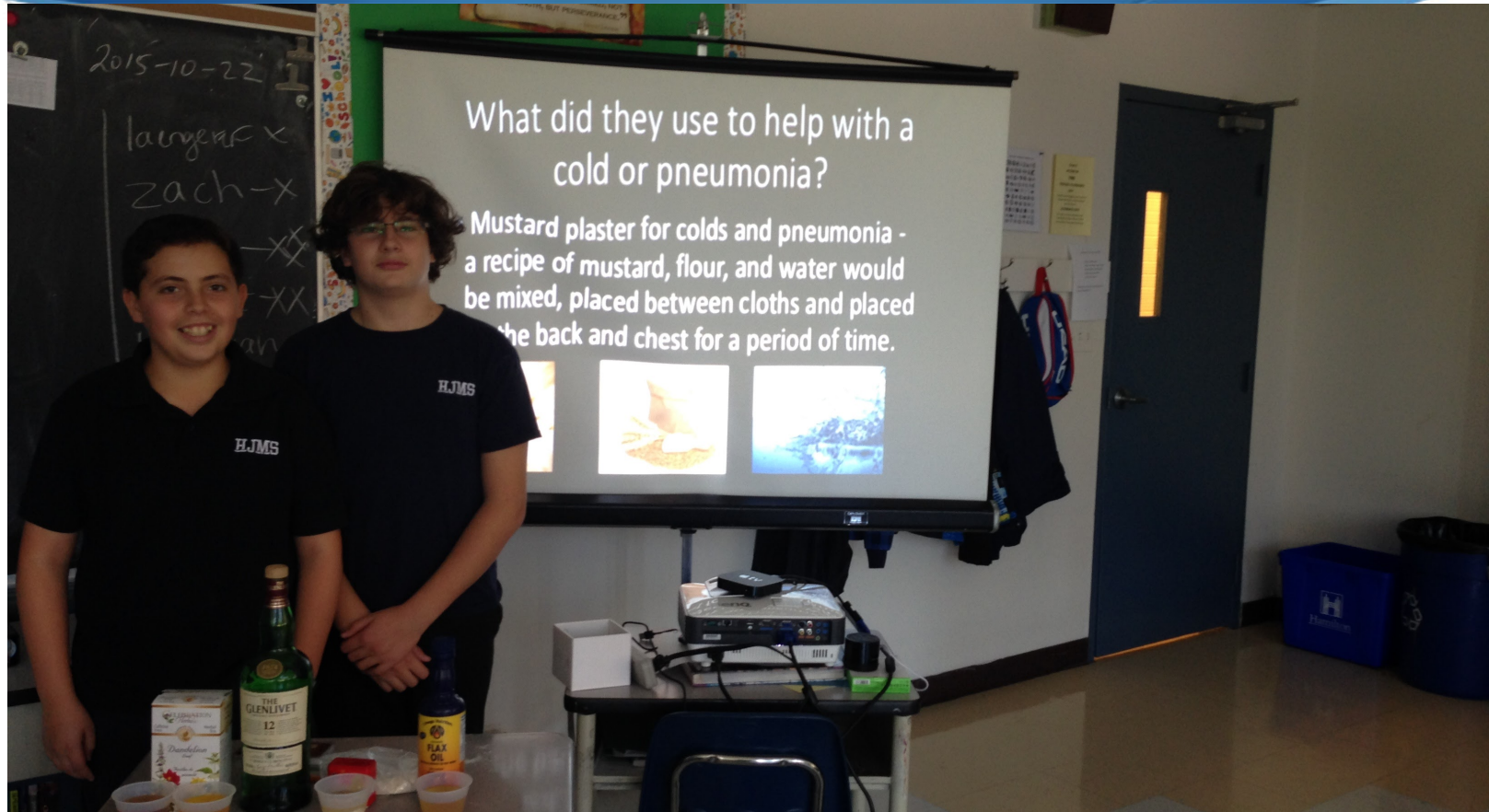
- ◆ It begins with student created open-ended investigations into a question or a problem.
- ◆ It continues with the students needing to investigate and work with evidence-based reasoning to find the answer to their question.
- ◆ Together, educators and students work together to come to new understandings and solutions.

# Benefits of Inquiry Based Learning

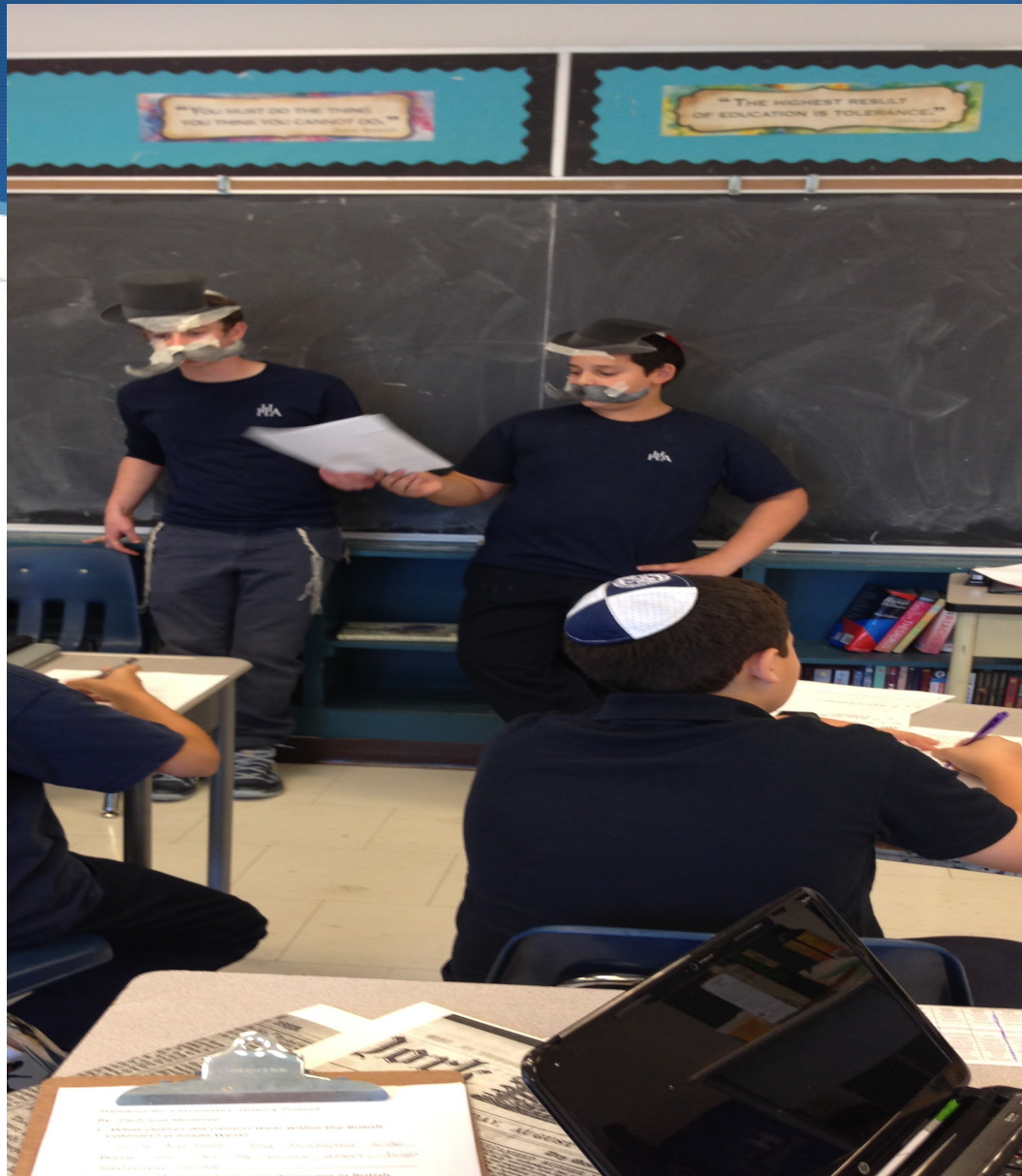
- 💧 Increases student engagement and interest
- 💧 Differentiates curriculum to meet students' needs and learning profiles- reaches ALL learners!
- 💧 Lends itself to integrated learning.
- 💧 Provides a learning platform for the Arts (visual, media, music, etc.) to flourish.



# What Does IBL Look Like?



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- ◆ [https://docs.google.com/presentation/d/1yFT47anwBJ\\_k0fhAZ0lsEjC93umE29I8gke6fkCL120/edit-slide=id.p](https://docs.google.com/presentation/d/1yFT47anwBJ_k0fhAZ0lsEjC93umE29I8gke6fkCL120/edit-slide=id.p)

# Sources:

- ◆ [http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS\\_InquiryBased.pdf](http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS_InquiryBased.pdf)