

Innovation

The art of asking questions



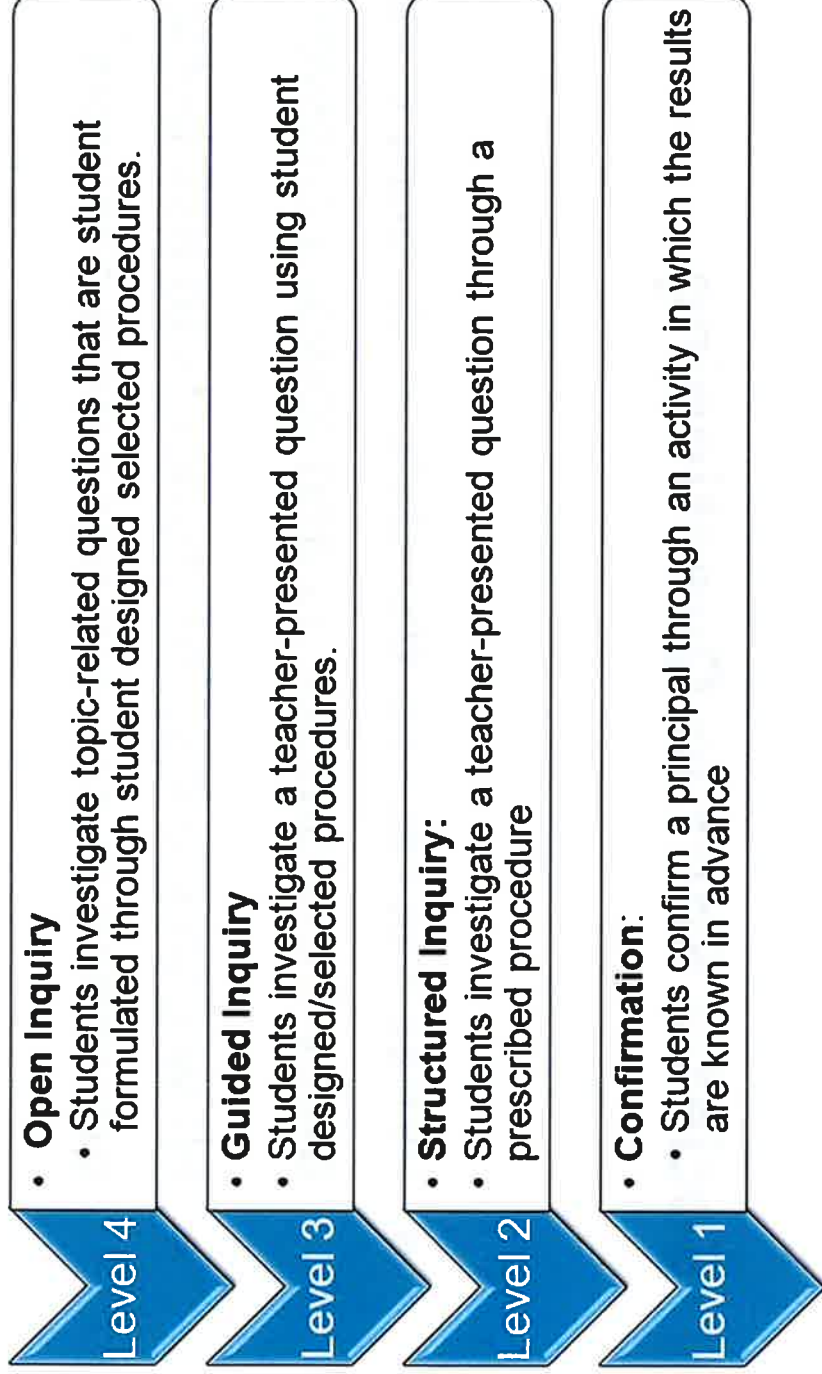


**We are asking students to find answers
for questions they have never had to
ask themselves.**

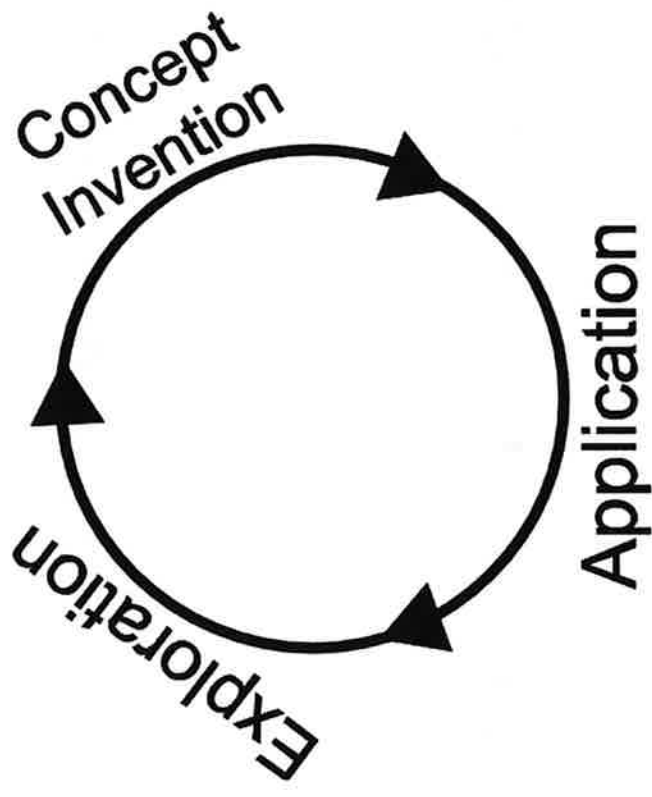
Societal Shift in Questioning

- What has caused the shift in student thinking away from questions and toward answers?
- How can we inspire students to ask better questions in a world filled with answers?

Levels of Inquiry



Process Oriented Guided Inquiry Learning (POGIL)



Project/Problem/Place Based Learning (PBL)

- How can PBL increase student engagement and innovation?

Question Formulation Technique

- How can we get students to ask better questions?
- How does student's asking their own question change how they learn and how we teach?



Beyond a Classroom

- How can we support student collaboration and inquiry beyond a single classroom or department?



What's next?

- How does a question result in change?

References

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- Trout, L. (2012). *POGIL activities for high school biology*. Batavia, IL: Flinn Scientific.
- What is Project Based Learning (PBL)? (n.d.). Retrieved October 11, 2017, from https://www.bie.org/about/what_pbl