



# Risk Taking in Scientific Investigations

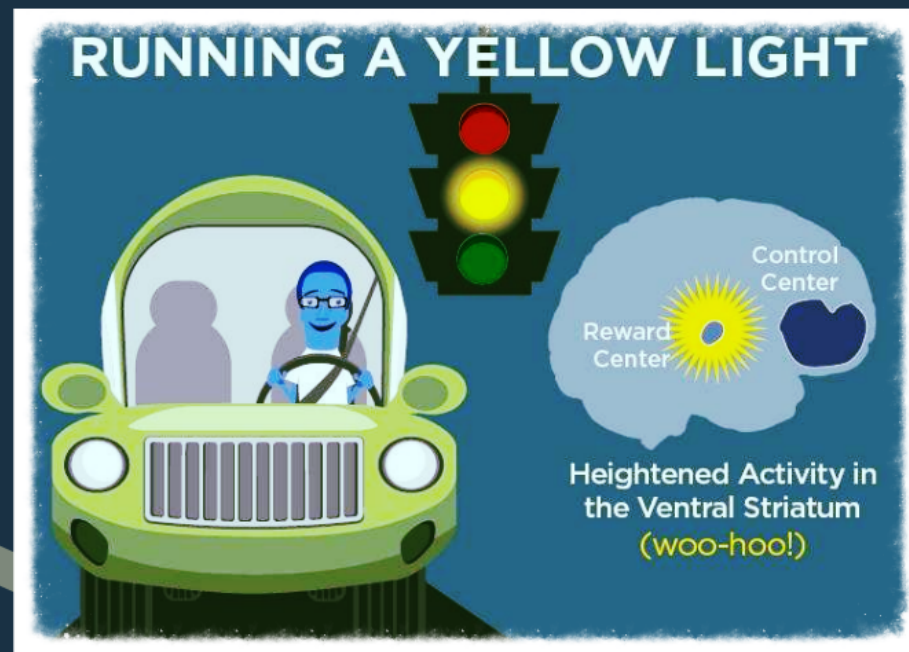
Nicholas Diana - The Ridge School  
IBSC 2015 - Boys as Makers



# Risk Taking in Scientific Investigations

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# *What does it mean to take risks?*



*What does it mean  
when a child takes a  
risk?*



*What does failure look like?*



*What does failure look like?*





## *How does "Making" lend itself to risk taking?*

- "the whole process of discovery is trial and error. When you innovate, you fail your way to your answer."

*Failure is inevitable:  
The 3 C's*





## *Emphasizing success through failure*

Overall, participation in this Action Research has given the boys a sense of ownership when attempting something that may or may not fail. Through the use of collaboration, communication and critical thinking, many boys were able to divulge their own ideas, listen with a deeper understanding and meaning, as well as problem solve and implement strategies to aid in a common goal.

# *Save our Science - Inspiring young Scientists*



# *The Maker Movement*





**Questions?**