



Science Is a Way of Thinking. Not a Set of Facts

2 Every student already has a science mind

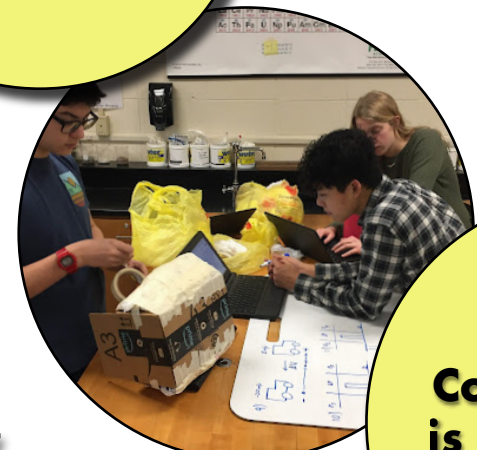


3 Conceptual depth over procedural fluency

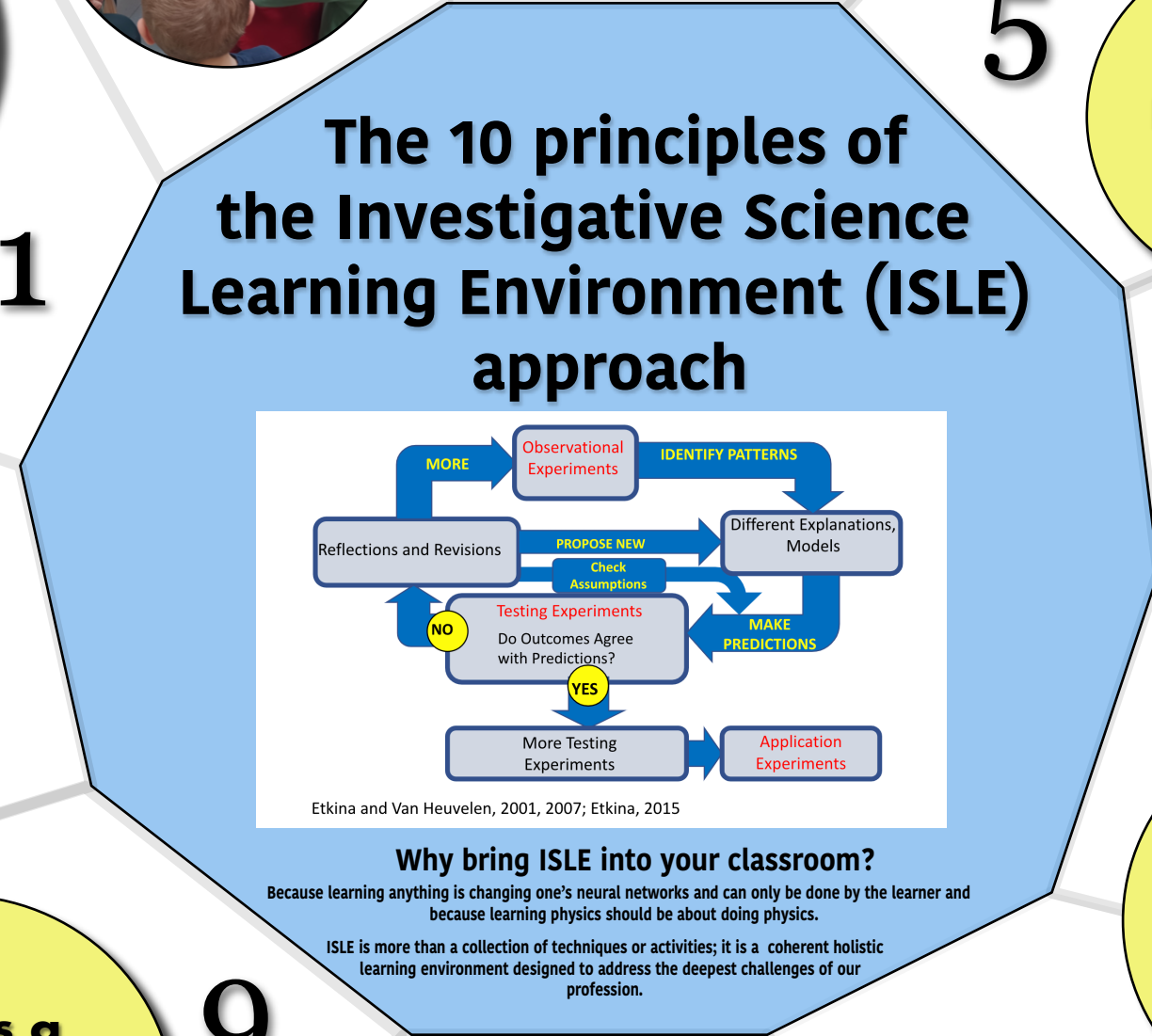


4 Critical reasoning (thinking) is practiced, not preached (Scientific skills)

5 Error is an Engine, Not a Shame



6 Collaboration is at the heart of learning



Why bring ISLE into your classroom?
Because learning anything is changing one's neural networks and can only be done by the learner and because learning physics should be about doing physics.
ISLE is more than a collection of techniques or activities; it is a coherent holistic learning environment designed to address the deepest challenges of our profession.

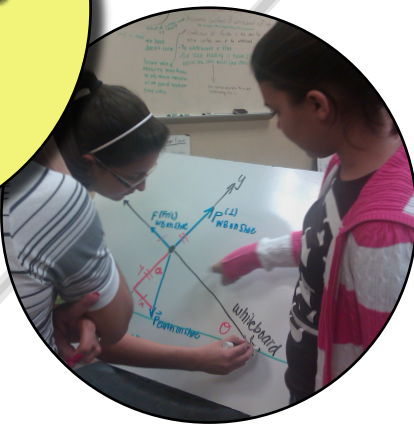
Motivation is an outcome, not a prerequisite



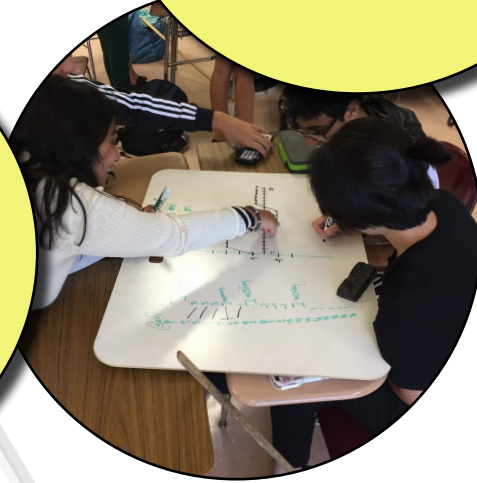
7 Thinking tools are essential in our complex world



9 ISLE is a humanizing force in education



8 Concrete experiences come before names and equations



10

Download the TEN PRINCIPLES' DESCRIPTION HERE!



Join a community of educators who are transforming their classrooms.



ISLE SITE



FACEBOOK GROUP

Let's make physics what it's meant to be: a deeply human and empowering adventure!

To transform the learning of science from passive listening into collaborative student-centered investigation of the natural world.