

# CHOOSE YOUR LEVEL OF INQUIRY



GRADUAL RELEASE of RESPONSIBILITY MODEL ([GRR](#)) for SELF ORGANIZED LEARNING ENVIRONMENTS ([SOLE](#))\*

SOLE INQUIRY MATRIX	STRUCTURED	CONTROLLED	GUIDED	FREE
	Students follow the lead of the teacher as a whole class engage in one collective inquiry together.	Teacher chooses topics and identifies the resources students will use to answer questions.	Teacher and students choose topic/question and design presentation.	Students choose their topics without reference to any prescribed outcome.
STEP 1: QUESTION	<i>Motivator</i>	<i>Facilitator</i>	<i>Co-Learner</i>	<i>Consultant</i>
Start with a big question, designed to provoke curiosity and lead to more questions.	Teacher models types of question techniques:  <i>Open/Closed, 5 Whys, Leading, Divergent, QFT, Design Thinking, PBL</i>	Teacher chooses question for class.	Teacher and students brainstorm possible questions from topic.	Students choose topic and create essential question.
STEP 2: INVESTIGATE	<i>Motivator</i>	<i>Facilitator</i>	<i>Co-Learner</i>	<i>Consultant</i>
Learners organize into small groups and collaborate using internet to search for answers.	Teacher models methods of credible research.	Teacher chooses groups, provides resources, and uses creative constraints.	Teacher and students choose groups and discover resources together.	Students choose groups and research freely and/or independently.
STEP 3: REVIEW	<i>Motivator</i>	<i>Facilitator</i>	<i>Co-Learner</i>	<i>Consultant</i>
Each learner or group of learners presents their discoveries and reflects on the process.	Teacher models variety of presentation formats.	Teacher identifies method of presentation.	Teacher and students decide on presentation method.	Students choose method of presentation.

\*Based on student-inquiry model by Fictman (2011), [SOLE by Sugata Mitra](#) (1999), and GRR by Pearson & Gallagher (1983); Further modified from Kwan, T. (2002)