



Guess the topic???



TYPES OF INQUIRY



Types of inquiry





What & Why : Inquiry?

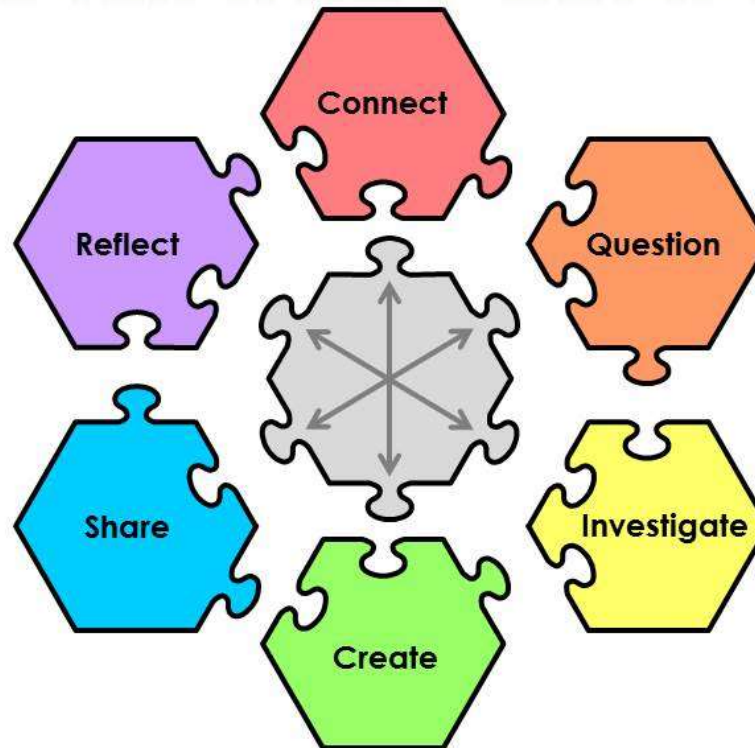


- Inquiry is quite simply a systematic investigation into a problem, issue, topic or idea.
- Making observations, asking questions and pursuing investigations – it's how humans have come to understand the world. Research from neurology found that learning experiences modify connections among neurons in certain areas of the brain, which gradually reorganize these areas
- Active engagement



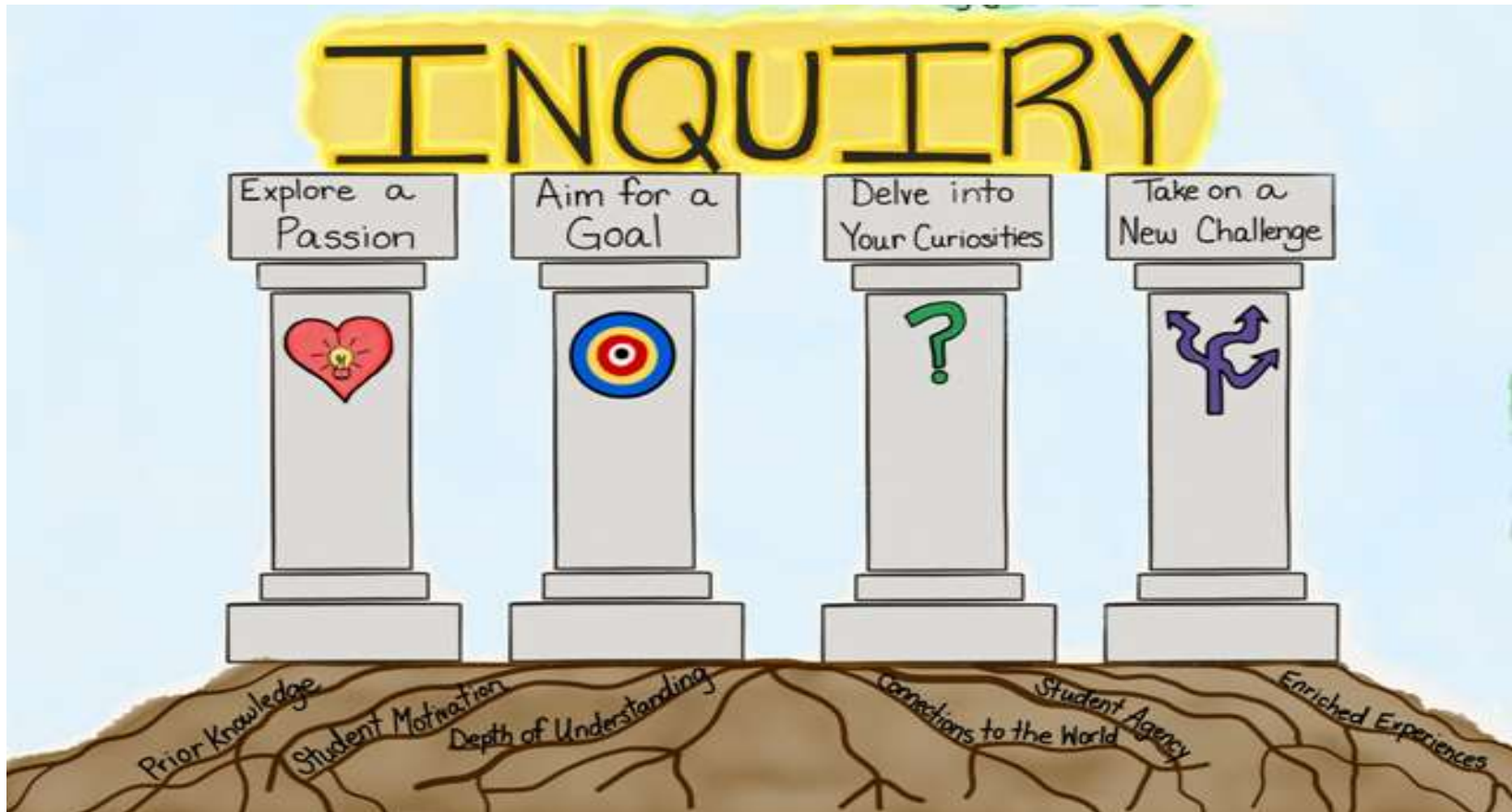
Inquiry process

THE INQUIRY PROCESS



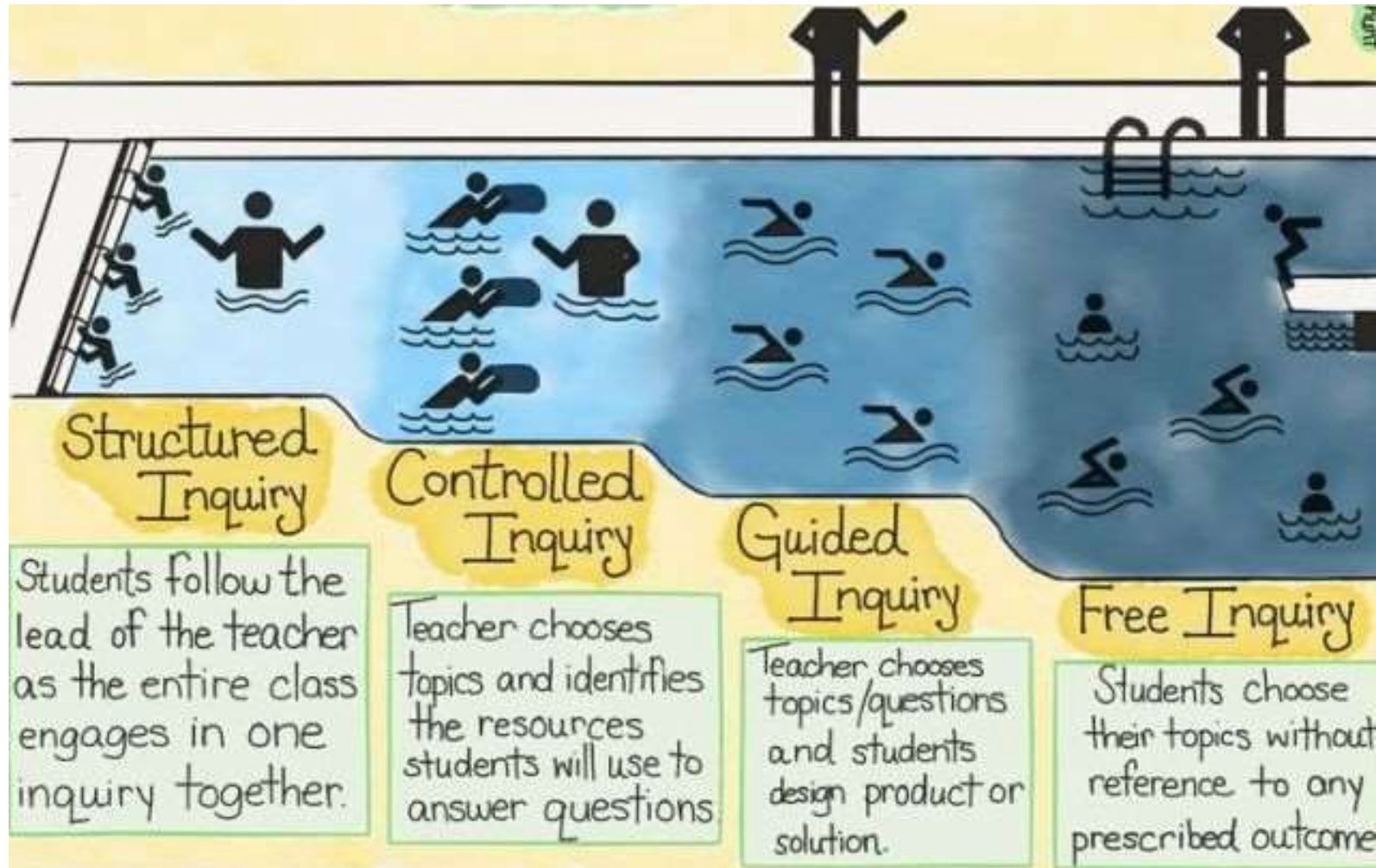


Four pillars of inquiry





ACTIVITY – DEBATE





ACTIVITY – DEBATE

Is Technology rising Unemployment rates?



TYPES OF INQUIRIES

- **The three types of inquiries, in solving ethical problems are:**
 - **Normative inquiry**
 - **Conceptual inquiry**
 - **Factual or descriptive inquiry**



Normative Inquiry

- It seeks to identify and justify the morally-desirable norms or standards that should guide individuals and groups.
- It also has the theoretical goal of justifying particular moral judgments.



Normative Inquiry Example:

- How far does the obligation of engineers to protect public safety extend in any given situation?
- When, if ever, should engineers be expected to blow whistle on dangerous practices of their employers?
- Whose values ought to be primary in making judgment about acceptable risks in design for a public transport system or a nuclear plant? Is it of management, senior engineers, government, voters or all of them?



Conceptual Inquiry



- It is directed to clarify the meaning of concepts or ideas or principles that are expressed by words or by questions and statements.
- Examples:
 - What is meant by safety?
 - How is it related to risk?
 - What is a bribe?
 - What is a profession?
- When moral concepts are discussed, normative and conceptual issues are closely interconnected.



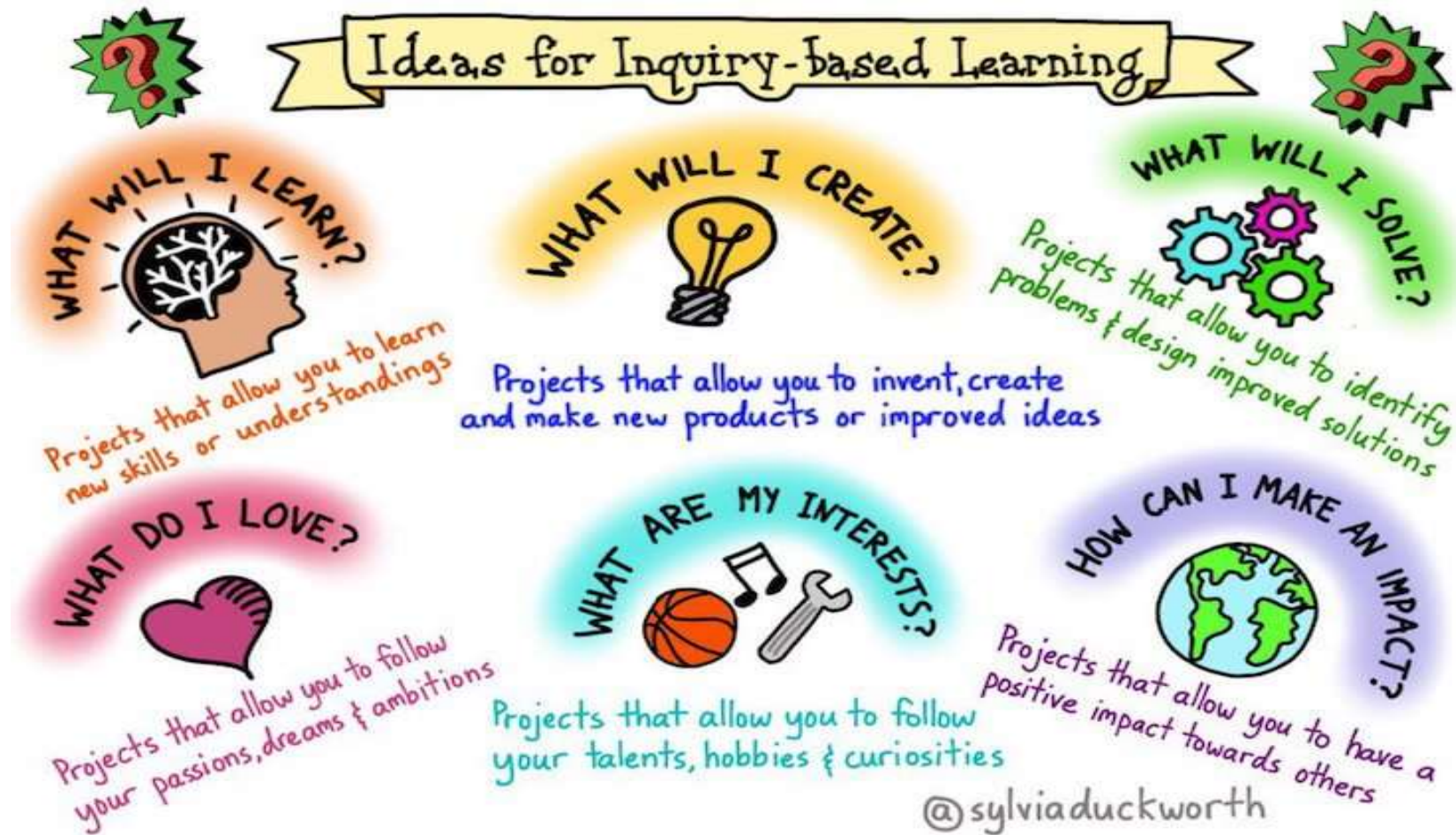
Factual or Descriptive Inquiry



- It is aimed to obtain facts needed for understanding and resolving value issues.
- Researchers conduct factual inquiries using mathematical or statistical techniques.
- The inquiry provide important information on business realities, engineering practice, and the effectiveness of professional societies in fostering moral conduct, the procedures used in risk assessment, and psychological profiles of engineers.



Inquiry based learning





ABBREVIATIONS

