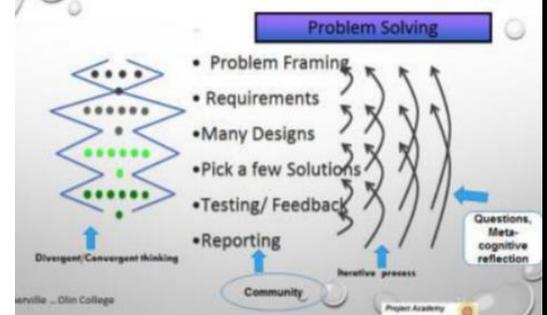


## Creative & Critical Thinking

**Creativity** is the bringing into being something which did not exist before, either as a product, a process or a thought.

**Critical thinking** is a way of thinking that enables us to think at the highest level we are capable of.



## Review:

### Critical Thinking

- \* Analyzing the past
- \* What evidence?
- \* What is the author's purpose?
- \* Convergent thinking
- \* Skepticism is a virtue

**Creative Thinking:** Creativity improves pupils' self-esteem, motivation and achievement

- \* Brain storming
- \* Divergent thinking
- \* Exploring your environment & testing many options
- \* Stimulate curiosity
- \* Innovation & entrepreneurship

### Meta-cognitive reflection

- \* What do I want to understand?
- \* What have I learned?
- \* What do I still need to learn?
- \* Provide feedback for reflection
- \* Regulate ones behavior

### Questions ... Engaging the student

- \* Logical Sequential
- \* Open ended
- \* Listening is the first step in good questioning
- \* Provocative
- \* Engage
- \* Encourage higher order thinking

**Give an example of how the team will use these skills going forward:**

Skill	Example
<b>Creative thinking</b>	
<b>Critical thinking</b>	



## Don't believe the experts:

*"That's an amazing invention, but who would ever want to use one of them?"* (US President Rutherford B. Hayes, after participating in a trial telephone conversation between Washington and Philadelphia in 1876).

*"Television won't be able to hold onto any market it captures after the first six months. People will soon get tired of staring into a box every night* (Darryl F. Zanuck, Head of 20<sup>th</sup> Century Fox, 1946)

*"The horse is here to stay, but the automobile is only a novelty, a fad"* (President of Michigan Savings Bank, 1903, advising Henry Ford's lawyer not to invest in the Ford Motor Company – disregarding the advice, he invested \$ 5,000 in stock, which he sold several years later for \$ 12,5 million).

*"I think there is a world market for about five computers* (Thomas J. Watson Sr., Chairman of IBM, 1943)

