

## Characteristics of creativity in science learning

### Inquiry-based Science Education

- Questioning
- Designing and planning investigations
- Gathering evidence
- Making connections
- Explaining evidence
- Communicating explanations

### Creative dispositions

- Sense of initiative
- Motivation
- Ability to come up with something new
- Making connections
- Imagination
- Curiosity
- Ability to work together
- Thinking skills

### Synergies between IBSE & CA

- Play and exploration
- Motivation and affect
- Dialogue and collaboration
- Problem solving and agency
- Questioning and curiosity
- Reflection and reasoning
- Teacher scaffolding and involvement
- Assessment for learning