

# IB WorkShop Cat 1

## Feb 2024

### Module 2

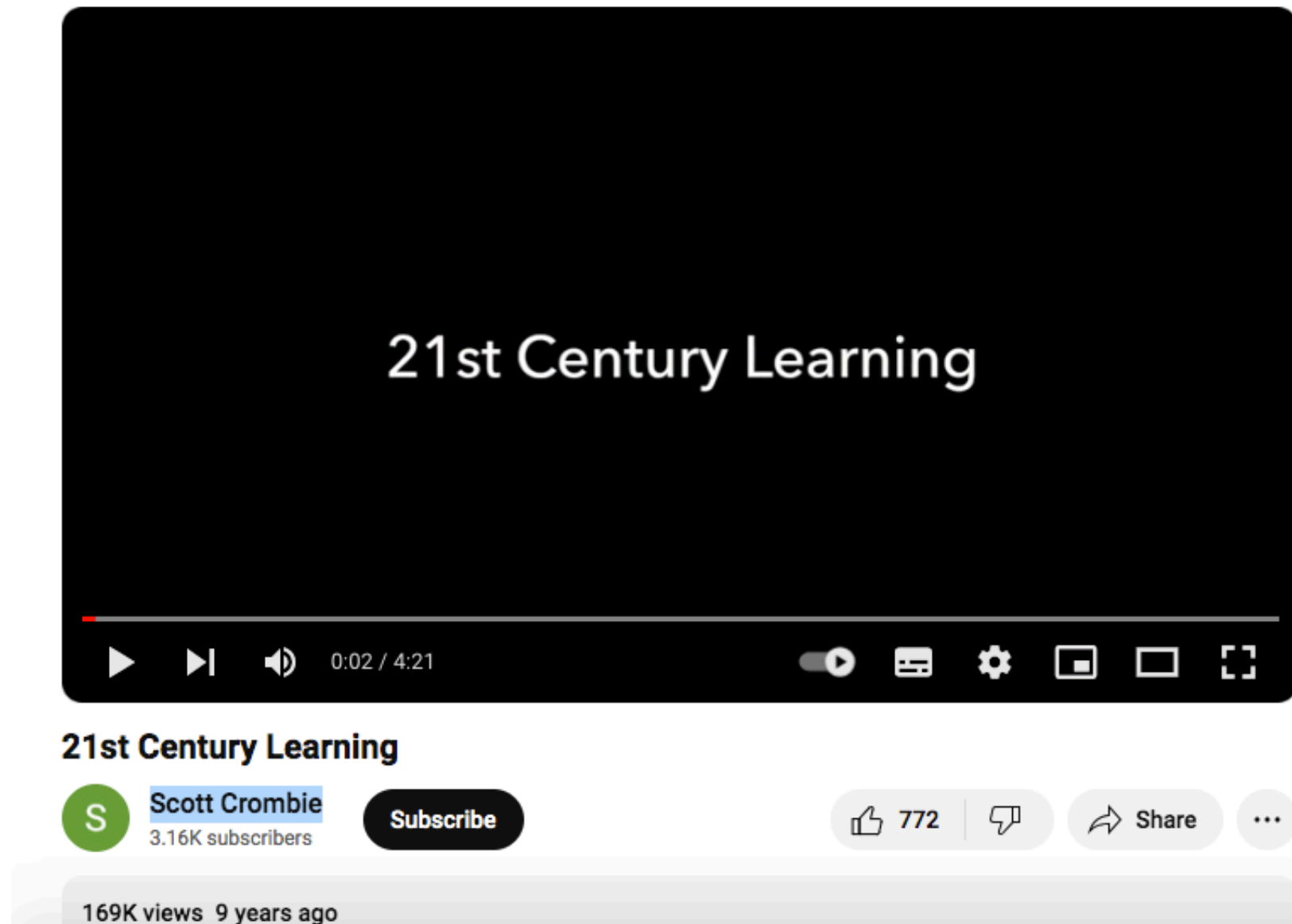
Analysing the YouTube Video:

**21st century learning**  
from Scott Crombie

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- What is the big idea being presented?  
=> 21st century inquiry-based learning



- Teaching approaches:

The video describes

1. inquiry
2. focusing on conceptual understanding
3. developing in local and global contexts
4. focusing on effective teamwork and collaboration
5. differentiating to meet the needs of all learners

It does not describe

6. Information by assessment (formative and summative)

The video focuses on

- A. Student-centred learning approach
- B. Real world applications
- C. Innovative approaches

## ● Learning skills ?

The video presents

1. Thinking skills

(Creative, Critical, Problem-Solving, Decision-Making, Learning)

2. Social skills (Personal and Social Responsibility)

3. Communication skills

4. Self-management skills

5. Research skills

The learner learns by being:

6. Active & Engaged

7. Constantly adapting learning, growing  
in a fast changing world influenced by technology



- What specific classroom strategies are used to make this idea work?

- A. Student learning approach

- B. Real world applications

- C. Innovative approaches

- Which learner profile attributes are being developed in the video?

It develops  
Inquirers  
Knowledgeable  
Thinkers  
Communicators  
Open-minded  
Caring  
Risk-takers  
Reflective

It does not develop  
Principled  
Balanced

However one  
could infer  
from the video  
that for a learner  
to be constantly  
learning and adaptive  
one requires to be have  
all attributes

- What would/could this look like in your mathematics classroom?

A 21st century inquiry-based learning could have the following formats:

Scenario 1:

The instructor presents an open-ended question.

Scenario 2:

The instructor asks the students to research and present an open-ended question.

Then

- A) The students independently or as teams try to answer, until they can or cannot, using information available to them.
- B) Then the instructor guides them towards the answer.
- C) The students reflect upon the question and answers.



Thank you for reading ! :)