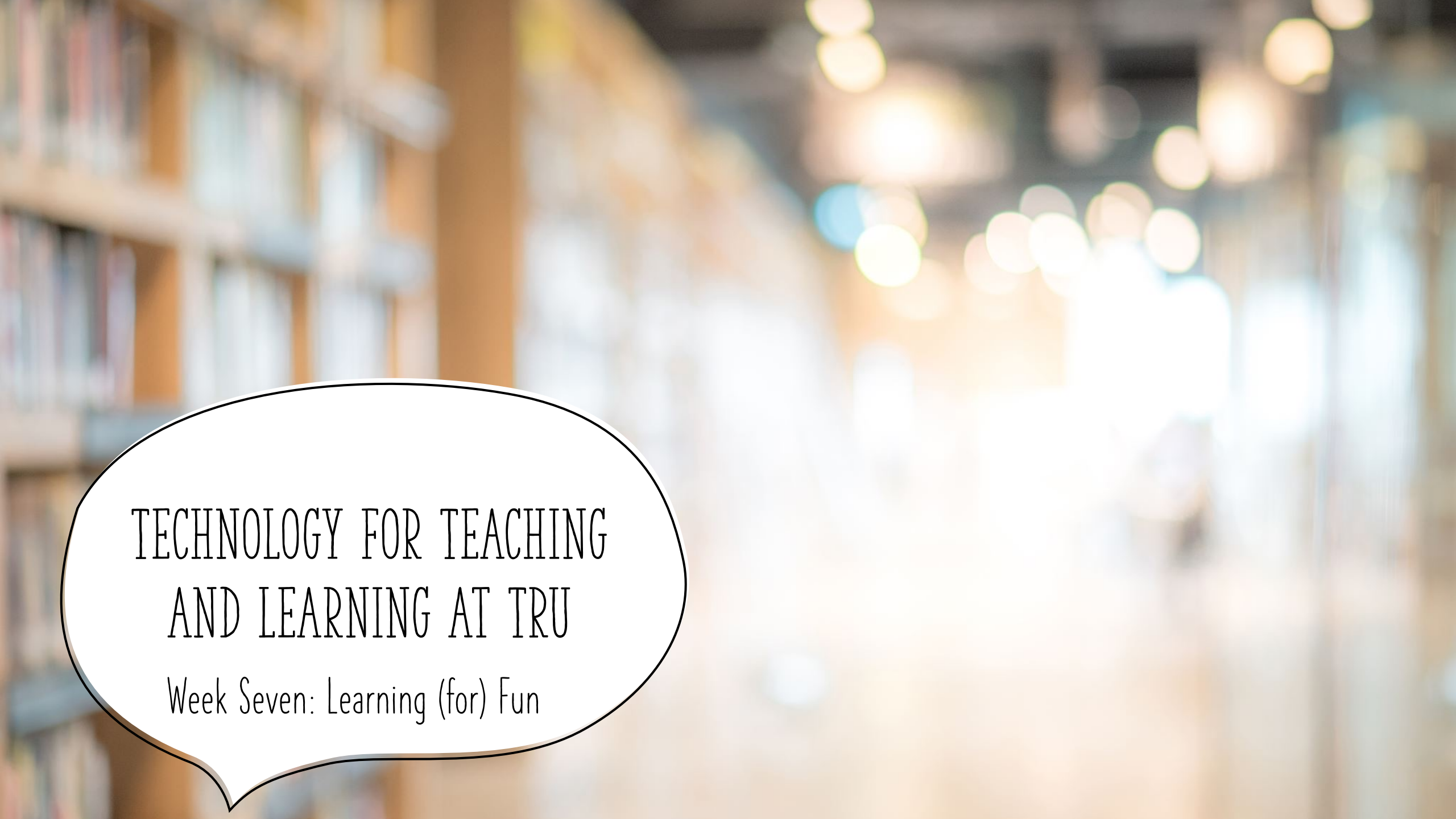


TECHNOLOGY FOR TEACHING AND LEARNING AT TRU

Week Seven: Learning (for) Fun

TODAY'S AGENDA

- Gamification
- Twine, Introduction and Play
- Kaltura Quiz, Introduction and Play
- Questions!

HOUSE KEEPING

- Brenna is away
- Room change
- Schedule change

GAMIFICATION

(See: Kim S., Song K., Lockee B., Burton J. (2018) What is Gamification in Learning and Education?. In: Gamification in Learning and Education. Advances in Game Based Learning . Springer.)

"A set of activities and processes to solve problems by using or applying the characteristics of game elements."

It has been a significant element of K-12 education since the 1980s.

Research is ongoing, but with a move into higher ed in the early 2000s we see gamification positively correlated with learning outcome achievement in university classrooms.

DIGITAL AND INTERACTIVE STORYTELLING

Game design + Narrative structure.

Helps engage learners (activity) and promote deeper understanding (assignment).

Allows students to contribute visually, narratively, technologically a great group project for recognizing multiple skill sets.

"The findings from this study suggest that digital storytelling is a powerful tool to integrate instructional messages with learning activities to create more engaging and exciting learning environments. It is a meaningful approach for creating a constructivist learning environment based on novel principles of teaching and learning. Thus, this approach has the potential to enhance student engagement and provide better educational outcomes for learners."

SMEDA, DAKICH, AND SHARDA. " THE EFFECTIVENESS OF DIGITAL STORYTELLING IN THE CLASSROOMS: A COMPREHENSIVE STUDY." SMART LEARNING ENVIRONMENTS 1:6, 2014.

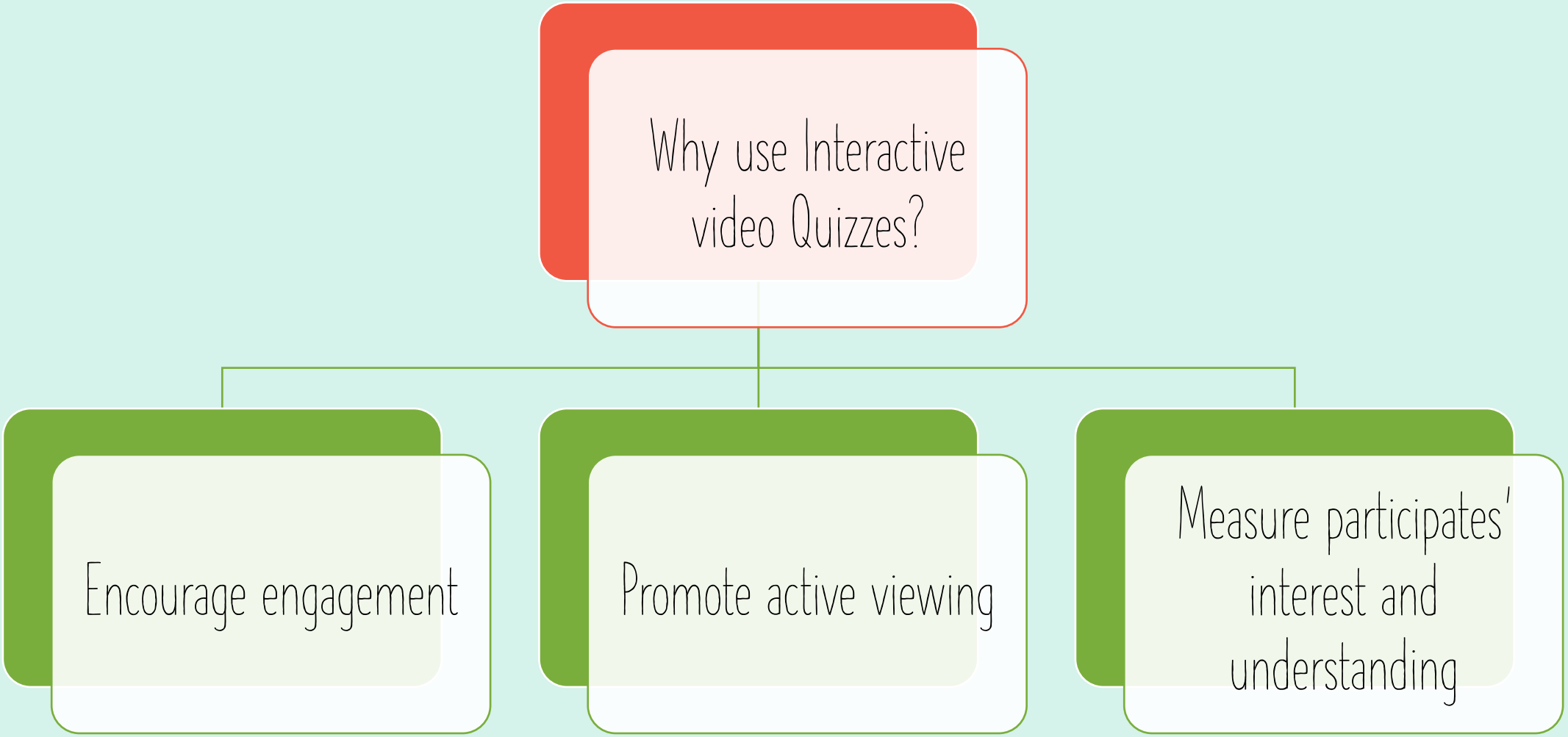
We make sense of the world through story

We understand the stakes through game mechanics

Put them together and...

TWINE
Let's head back over to:
https://barabus.tru.ca/twine/

KALTURA VIDEO QUIZ



PREPARING FOR YOUR INSTRUCTIONAL VIDEO

1

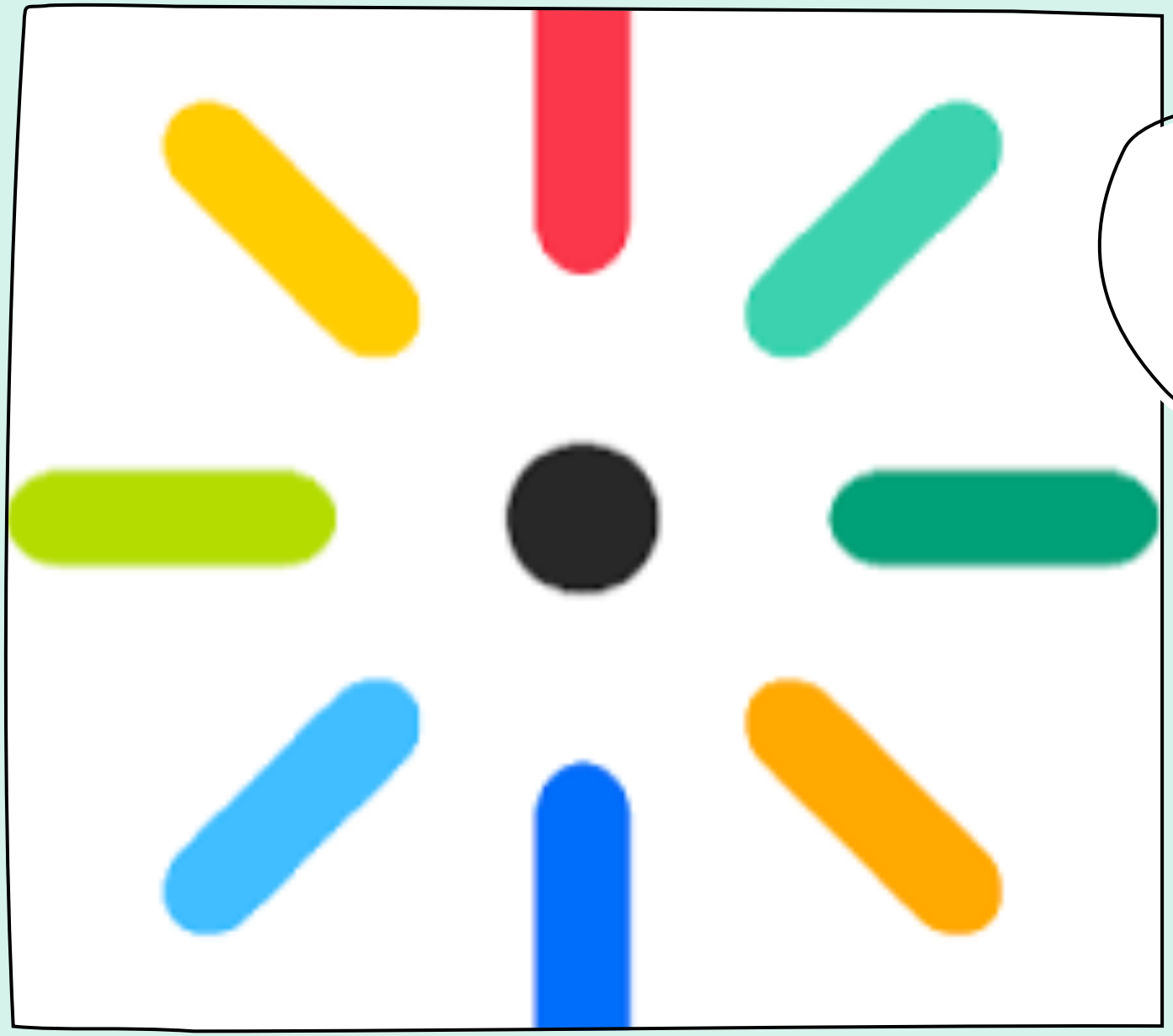
Select or create your video

2

Determine interactive elements and time stamps

3

Prepare questions and/or text



KALTURA VIDEO QUIZ

Let's head over to:

https://media.tru.ca/

SEE YOU NEXT WEEK!
Building Workshop: Making Games or Slidos or Building Videos