

Primary Focus: Building community practices for engagement
 Secondary Focus: Virtual, interactive lab experiences

DIGITAL RESOURCES FOR ENGAGEMENT

Video Introductions

On your LMS discussion board, post a 3-5 min video yourself and your life and have students comment or post video responses.



Surveying The "Room"

Quick surveys or polls (just for fun or class review of material). For example, try the "two truths and a lie" game.

Collaboration - Jigsaw With Google Slides

Each student (or group) is responsible for one slide. Use whole document to facilitate class discussion.

Feedback Or Formative Assessment With Google Forms

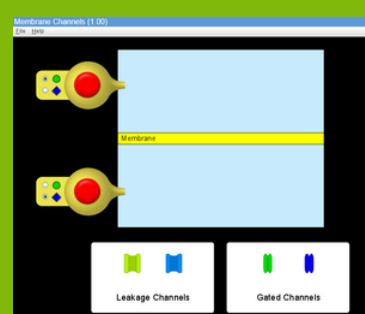
Create the questions in advance. Use the "summary of responses" page to share anonymized, group results.

INTERACTIVE VIRTUAL RESOURCES

LAB: Membrane Channels

PhET simulation (HTML5):

- prediction and observation;
- control the concentration of two different solutes on either side of a membrane;
- insert open or gated channels in the membrane.



<https://phet.colorado.edu/en/simulation/membrane-channels>

Teacher documents <https://phet.colorado.edu/en/contributions/view/3582>

Cell Biology Multimedia

Quizzes and interactives (require Flash).

<http://www.biology.ualberta.ca/facilities/multimedia/?Page=253>

Demonstration - Osmosis

Osmosis Eggsperiment.

<https://www.carolina.com/teacher-resources/Interactive/osmosis-eggsperiment/tr36904.tr>

Video demonstration.

<https://www.youtube.com/watch?v=albeHs2opEM>



ELL Translation Assistance

Real-time translation for conversation.

Teacher needs MS, Google or FB account to set up conversation.

Students join with a code.

<https://translator.microsoft.com/>

