Please find below a list of helpful resources for STEM activities. Currently, iSTAND is also developing short activity videos, which will also be housed on our Youtube Channel (link below). While we do encourage you to explore the resources, iSTAND is not responsible for the content of external websites. If you would like to provide feedback or have suggestions for further resources, please contact us at istand.stem@ubc.ca.

**Grades 1-3**



<https://www.khanacademy.org/>

Lesson plans, videos, interactive learning with many subjects



<https://kidshealth.org/en/kids/center/htbw-main-page.html?WT.ac=k-nav-htbw-main-page>

Explore how the human body works through quizzes and games



<https://www.scienceworld.ca/>

Fun activities you can do at home



<https://billnye.com/home-demos>

Fun activities you can do at home



<https://ocean.org/learnonline/#crafts>

Ocean Colouring Sheets with Fun Facts and other crafts



<https://www.pbslearningmedia.org/student/>

Watch videos about health, art, science and math



<https://spaceplace.nasa.gov>

Learn about space with games, crafts and activities

**Grades 4-7**



<https://www.khanacademy.org/>

Lesson plans, videos, interactive learning with many subjects



<https://kidshealth.org/en/kids/center/htbw-main-page.html?WT.ac=k-nav-htbw-main-page>

Explore how the human body works through quizzes and games



<https://www.scienceworld.ca/>

Fun activities you can do at home



<https://billnye.com/home-demos>

Fun activities you can do at home



<https://www.vanaqua.org/education/aquafacts>

Learn facts about animals



<https://www.pbslearningmedia.org/student/>

Watch videos about health, art, science and math



<https://spaceplace.nasa.gov>

Learn about space with games, crafts and activities



<https://kids.frontiersin.org/>

science for kids edited by kids

**Grades 8-12**



<https://www.khanacademy.org/>

Lesson plans, videos, interactive learning with many subjects



<https://www.nlm.nih.gov/research/visible/getting_data.html>

The Visible Human Project: explore the human body through MRI and CT images of male and female cadavers



<https://kidshealth.org/en/teens/?WT.ac=t2t>

Learn about your health and body



<https://www.pbslearningmedia.org/student/>

Watch videos about health, art, science and math



<https://kids.frontiersin.org/>

Science for kids edited by kids

**Additional**



<https://indigesteam.ca/>

Resource for Indigenous STEM Camps



<https://www.youtube.com/channel/UC7cR79KQ957nZHlGvBXyGcA/featured?view_as=subscriber>

STEM activity videos for all



<https://blog.backyardbrains.com/2020/04/educational-and-physical-activities-for-stay-at-home-students-get-those-brain-gains/>

STEM Activities and recommendations for other resources