In this example, an elementary school teacher wanted to facilitate 21st century learning throughout a grade two math unit on linear measurement. The original lessons introduced the concept of linear measurement through multimedia presentations and subsequent discussions as a class. Once students reached a basic understanding of the content, the students practiced their emerging skills through various games and worksheets. To end the unit, students completed a project where they created a scaled map of their classroom.

Use the space provided below each prompt to brainstorm ideas about how you could adapt the lesson to better align with each principle of 21st century learning.

The 4Cs

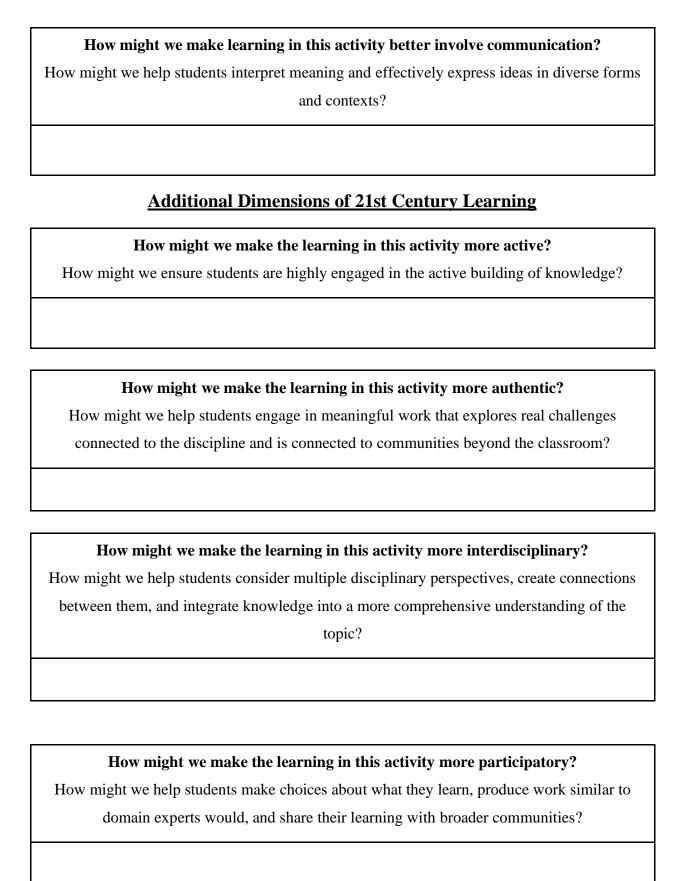
How might we make the learning in this activity more creative? How might we help students instigate research; develop ideas, solutions, and products; and share creations with authentic audiences?

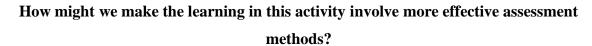
How might we make the learning in this activity better involve critical thinking?

How might we help students actively interpret, analyze, evaluate, synthesize, and apply complex information?

How might we make the learning in this activity more collaborative?

How might we help students work together and use effective communication to construct a common understanding of the topic?





How might we ensure diagnostic, formative, and summative assessments are connected and provide students with feedback that improves their work, supports meaningful comparisons, and shows them their progress?

How might we make the learning in this activity better develop digital literacy?

How might we ensure learning involves accessing, using, and producing digital information or digital media, and/or using digital technologies to communicate and share with others?