

Indigenous Lesson Plan: Colours

Grade 7: "Teepee Colour Creation" (Math and Art)

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Outcome(s) of Lesson:

1. [MATH] Perform geometric constructions, including: perpendicular line segments, parallel line segments, perpendicular bisectors, angle bisectors. [CN, R, V]

2. [ART] Concepts: A. Primary colours combine to create secondary and tertiary colours.

Students have previous knowledge of what perpendicular/parallel line segments, perpendicular/angle bisectors, primary colours, and tertiary colours are

How will I know the students have achieved the learning outcome?

- I can construct perpendicular and parallel line segments, and perpendicular and angle bisectors.
- I can combine primary colours to create secondary and tertiary colours.

HOOK:

- Read the story: As Big As The Sky As Tall As The Trees
- Show students examples of Canadian Aboriginal Symbols (Appendix A) and a Tipi example (Appendix B)
- Begin review of perpendicular/parallel line segment and perpendicular/angle bisectors.

Learning Opportunities:

Time	Learning Opportunity	How do I check that students understand what to do?
10 mins	Hook (See above)	-Plickers have summative assessment of math objectives
20 mins	Math review: Using Plickers, students will play a review game about perpendicular/parallel line segments and perpendicular/angle bisectors. (Appendix C) *After the last question have 4 pieces of chart paper taped onto the walls in different areas of the classroom. Remind students that they will receive a brain break, but will need to remember the row they are sitting in to write on the chart papers. Have students write questions they may have about the math review we just discussed, and allow them to anonymously express their concerns if they have any. Beside write a number (1- bad, 5-awesome) how they feel about their understanding.	-5,4,3,2,1 on math chart paper questions/concerns -After explaining "Create a Tipi" do 5,4,3,2,1 hands for understanding
5 mins	Brain/Stretch Break! Students will have the chance to get up, move around, and rows will be called to write on the chart paper around the classroom.	Materials Needed -Story: <u>As Big As The Sky As Tall As The Trees</u> -Example of symbols and Tipi (online or pass around) -Plickers -4 pieces of chart paper -Assignment Information Handout -30+ Tipi Templates -red/yellow/blue/green/purple/orange pencil crayons.
5 mins		