

## WEBCASTING – ASSESSMENT FOR LEARNING PLAYING WITH LEARNING INTENTIONS

SESSION # 4  
Handout # 2  
**Physical Science**



### Grade 2

- Identify the properties of solids, liquids and gases
- Investigate the changes to the properties of matter when it is heated or cooled
- Investigate the interactions of liquids and solids

### Grade 5

- Demonstrate how various forces can affect the movement of objects
- Demonstrate mechanical advantage of simple machines, including lever, wedge, pulley, ramp, screw and wheel
- Design a compound machine
- Describe applications of simple and compound machines used in daily life in BC communities

### Grade 7

- Conduct investigations into properties of matter
- Classify substances as elements, compounds and mixtures
- Measure substances and solutions according to pH, solubility and concentration

### Grade 9

Physical Science: Atoms, Elements and Compounds

It is expected that students will:

- C1. use modern atomic theory to describe the structure and components of atoms and molecules
- C2. use the periodic table to compare the characteristics and atomic structure of elements
- C3. write and interpret chemical symbols of elements and formulae of ionic compounds
- C4. describe changes in the properties of matter

How can we rewrite the PLOs to become Learning Intentions that our students can understand?