

SCIENCE 10 COURSE MATERIALS



General Materials

- Class Set - BC Science Connections 10 - Nelson Education Ltd.
- Class Set - Laptops
- Class Set - Calculators

Biology

- Scissors
- Magazines
- white glue

Physics

- plastic spoons
- elastics
- popsicle sticks
- 10 g mass
- 20 g mass
- 50 g mass
- 100 g mass
- 200 g mass
- meter sticks
- retort/clamp stands
- ticker timers
- ticker tape
- 30 cm rulers
- linear hot wheels tracks
- hot wheels cars
- mass scales
- large beakers
- large ring stands
- bunsen burner tubing
- bunsen burners
- thermometer clamps
- wire gauze
- sparkers
- thermometers
- thermometer clamps
- styrofoam cups
- small ring stands
- wooden matches
- aluminum foil
- wooden skewers
- scissors
- tea light candles
- safety glasses
- pennies

Astronomy

- compasses
- 360° protractors
- large washers
- string
- masking tape
- large beakers
- food coloring
- cocoa powder
- spices/pepper
- spectrosopes
- hydrogen spectral discharge tube
- helium spectral discharge tube
- nitrogen spectral discharge tube
- argon spectral discharge tube
- oxygen spectral discharge tube
- carbon dioxide spectral discharge tube
- mercury spectral discharge tube
- neon spectral discharge tube
- spectral discharge tube power supply
- flagging tape
- meter stick
- 30' measuring tape
- basketballs
- tennis balls
- balloons
- sharpies/markers
- large, shallow bin for water

Chemistry



- 500 mL beakers
- 250 mL beakers
- 100 mL beakers
- 50 mL beakers
- 500 mL erlenmeyer flasks
- rubber stoppers for flasks
- small test tubes
- large test tubes
- bunsen burner tubing
- bunsen burners
- sparker
- matches
- crucible tongs
- crucibles
- mass scales
- scoopulas
- 1.5V batteries
- on/off switches
- alligator clips wires
- $\text{Al}_{(s)}$ (powdered aluminum)
- AlCl_3 (aluminum chloride)
- $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$ (ammonium dichromate)
- BaCl_2 (barium chloride)
- bromothymol blue indicator
- $\text{Ca}(\text{CH}_3\text{COO})_2$ (calcium acetate)
- CaCO_3 (calcium carbonate)
- CaCl_2 (calcium chloride)
- $\text{Cu}(\text{CH}_3\text{COO})_2$ (copper (II) acetate)
- CuCl_2 (copper (II) chloride)
- CuSO_4 (copper (II) sulfate)
- $\text{Fe}_{(s)}$ (iron/steel wool)
- $\text{Fe}_{(s)}$ (iron filings)
- FeCl_3 (iron (III) chloride)
- 0.1 mol/L hydrochloric acid
- 0.5 mol/L hydrochloric acid
- 1 mol/L hydrochloric acid
- 3 mol/L hydrochloric acid
- H_2O_2 (30% hydrogen peroxide solution)
- KCl (potassium chloride)
- K_2CrO_4 (potassium chromate)
- KI (potassium iodide)
- KMnO_4 (potassium permanganate)
- LiCl (lithium chloride)
- $\text{Mg}_{(s)}$ (magnesium ribbon)
- MgSO_4 (magnesium sulfate)
- MnO_2 (manganese (IV) oxide)
- NaCH_3COO (sodium acetate)
- NaCO_3 (sodium carbonate)
- NaCl (sodium chloride)
- NaHCO_3 (sodium hydrogen carbonate)
- 1 mol/L NaOH (sodium hydroxide)
- Na_2SO_4 (sodium sulfate)
- PbNO_3 (lead (II) nitrate)
- $\text{Sn}_{(s)}$ (tin metal chunks)
- $\text{Zn}_{(s)}$ (zinc mossy)
- water
- white vinegar
- safflower oil
- corn starch
- all purpose cleaner
- fabric softener
- bleach
- coffee whitener
- sugar
- flour

Final Project

- acrylic paint
- paint brushes
- poster paper