For use with either the 1st or 2nd edition of Apologia's Advanced Chemistry in Creation, the Advanced Chemistry Lab contains:

- Ammonium Chloride 10g
- Cobalt Chloride 10g
- Copper Strip ¹/₄" x 4"
- Copper Sulfate 10g
- Ferric Ammonium Sulphate 10g
- Lime Water 20cc
- Phenolphthalein Solution 10cc
- Polyvinyl Alcohol Adhesive 40cc
- Potassium Iodide Solution 30cc
- Sodium Borate 10g
- Sodium Carbonate 10g
- Sodium Ferrocyanide 10g
- Sodium Sulfate 10g
- Sodium Thiosulfate 10g
- Napthalene 10g
- Universal Indicator Solution
- Zinc Strip 1/4" x 4"
- 9-Volt Battery Cap
- 5 Plastic Test Tubes
- 5 Plastic Tube Caps
- Filter Paper 9cm
- 10 Sheets
- 6 Starch Packing Peanuts
- 10 Cotton Swabs
- 5 Dropper Pipettes
- Small Funnel
- Chemical Scoop
- Depression Plate
- Adv. Chem. Test Tube Rack
- PH Chart
- Chromatography Paper
- Safety Goggles