

Option 3: Lab Activity Videos

Create videos for the following. Upload each video to Google Drive as a separate video. Create a document that contains links to each video. Make sure that the share link is set to "Anyone with link can view". Upload your document to this dropbox.

- **Chemical Bonding Scavenger Hunt**
Find the ingredient labels on 20 products in your cupboards and pantries. Make a video a list explaining which ingredients are covalently bonded and which are ionically bonded.
(20 points)
- **Make Home-Made Ice Cream**
Video yourself making it and explain the colligative property of salt in this process.
(20 points)
- **Tie Dye**
Draw on a piece of fabric with a permanent marker. Drip rubbing alcohol over the marker and watch the colors run. Video yourself - include an explanation of why you can't use water to do this.
(20 points)
- **Gas Properties**
Video yourself demonstrating and explaining one of the gas laws (Boyles, Charles, Gay-Lussac's, or Avogadro's Law). Observe all safety guidelines
(20 points)
- **Oil and Water**
Video yourself showing a mixture of oil and water. Explain what you see.
(20 points)