At Junior Certificate level I can:

**Apply my knowledge of substances**

**Learning Targets I can...**

1. Name the 3 states of matter
2. Perform simple experiments to investigate changes of state
3. Separate mixtures using at least 3 of the following techniques
   - Filtration
   - Evaporation
   - Distillation
   - Chromatography
4. Grow crystals using alum or copper sulphate
5. Draw a solubility curve
6. Classify materials as elements or compounds using the periodic table
7. Use the periodic table to identify metals and non-metals
8. List two properties of a metal and of a non-metal
9. Investigate the conditions necessary for rusting and prevention of rusting
10. Name two alloys and give one use for each

**Refer also to:** Art, Home Economics, Personal and Social Development, Physical Education, Maths

**Work begun**  |  **Work in progress**  |  **Work completed**