Powerpoint Handouts as a Revision Tool

**Method**
- Students compiled their own summary sheets
- Maximum of six slides per sheet
- Limit to five or six bullet points per slide
- Use of diagrams/graphs where appropriate
- Class discussion to ensure all important points are included with reference to syllabus

**Rational**
"We don’t want to be spoon-fed"

1. **Observation**
2. **Hypothesis**
3. **Experiment**
4. **Result**
5. **Interpretation**
6. **Conclusion**

**Conclusion**
A successful method for revision!

**Summary**
- Students believe they learn when writing summaries
- Ideal for definitions and diagrams
- Keep one slide for exam questions
- Two A4 sheets required for some topics - use both sides of the sheet

**Student Comments**
- “Colourful. I learn from my own notes”
- “When writing them it helps, but when reading back over them it’s hard to know how it all fits together”
- “We want to do our own summary one week after each chapter”

**Rational**
- A **hypothesis** is an educated guess based on observations
- A **Theory** is an explanation based on repeated hypotheses and experiments
- A **Principle** or law arises from a theory when it is seen to be true under all conditions over a long period of time

**Method**
- Careful planning and design
- Ensure experiment is safe
- Design control experiment
- Experiments must be fair
  - Sample size (large as possible)
  - Random selection (keep it varied)
  - Others must be able to replicate experiment
  - Double blind testing (real/placebo)

**Summary**
- The origin of life
- Use of captive animals
- Cloning animals
- The way in which evolution may have taken place
- Organ transplants