

Year 10 Chemistry

Research and presentation project

The project covers chapter 3, Structure, in the textbook. You are encouraged to use other sources of information to enhance your presentation.

You will be put in groups to study one of the following topics:

- **Giant metallic structures and alloys**
- **Giant ionic structures**
- **Giant covalent structures**
- **Simple molecular structures**

You should

- Divide up the content fairly between group members
- Prepare a one page summary for the class
- Each person prepares an OHP for their part of the group presentation (maximum 2 minutes per person)

You will get

- A single and a double to prepare
- A double and a single to present your topic and to let me summarise the topic
- Copies of all of the other summaries

Illustrate your type of structure with examples such as

- Iron
- Steel
- Sodium chloride
- Magnesium oxide
- Diamond
- Graphite
- Silicon dioxide
- Oxygen gas
- Solid iodine crystals