SUVA SANGAM COLLEGE

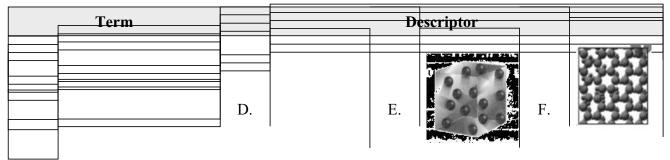
YEAR 11

CHEMISTRY

WORKSHEET 3

Questions

1. Match each **Term** on the left with the best **Descriptor** on the right. Each **Descriptor** may be used only once.



- 2. Use what you have learned about the particle theory to explain these common situations:
 - i. why a solid metal expands when it is heated?
 - ii. why smells of good food diffuse from a bag to your nose?
 - iii. why the pressure increases, when a gas is heated in a container?
- 3. Using the heating curve (page 16 of Chemistry for Year 11) as a guide to answer the following questions.
 - i. What is the flat line on the heating curve represent?
 - ii. What is the sloped line on the heating curve represent?

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