## PART 1 The difference between diamond and graphite

Watch the video and ans	wer the following	auestions.
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- 1. What is the same between graphite and diamond?
- 2. What is the difference between graphite and diamond?

	graphite	diamond
(1) Numbers of bonds		
(2) Soft or hard?		
(3) Structure, between layers		
(4) Conduct electricity?		

- 3. How can we turn something into pure carbon?
- 4. Why can we turn the cert into diamond?
- 5. Draw the structure of graphite and diamond

## **PART 2 GAME LESSON**

## Particle model properties

https://wordwall.net/resource/23252831/chemistry/particle-model-properties

## **Particles**

https://wordwall.net/resource/27050457/chemistry/particles

Experiment equipment, chemical process & states

https://wordwall.net/resource/81291/science/experiment-equipment-chemical-process-states

First 20 Elements of the Periodic Table

https://wordwall.net/resource/344044/science/first-20-elements-of-the-periodic-table