Name: …………………… ( )

Chem!stry

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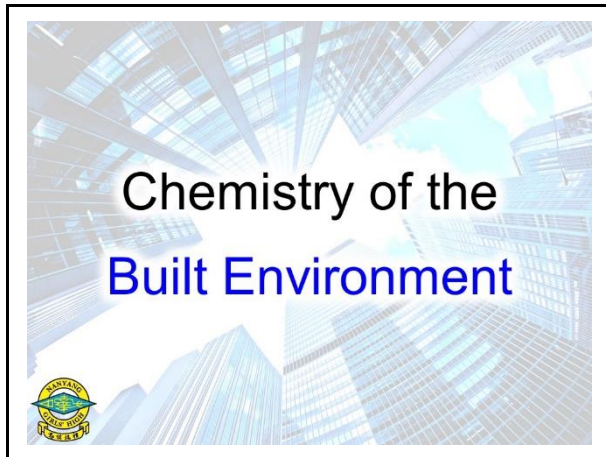**Interdisciplinary Unit – The Built Environment – Models**
Chemistry of the Built Environment

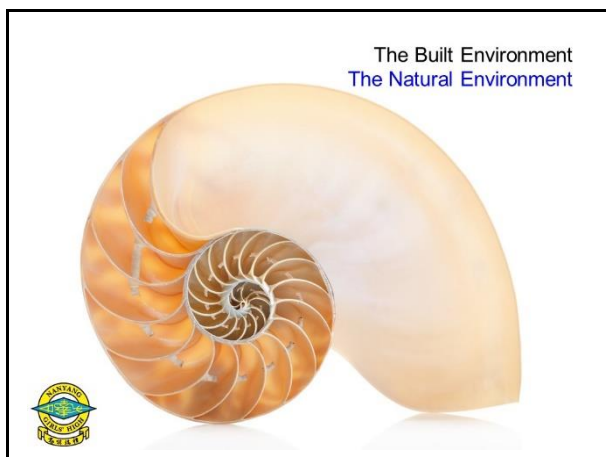- Chemistry of the Built Environment

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- The Natural Environment

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- The Natural Environment

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- The Human Aspect

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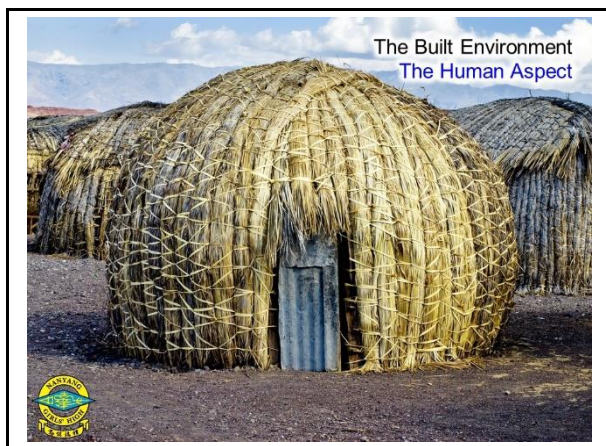
- The Human Aspect

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- Contemporary and Iconic

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- Contemporary and Iconic

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- The Human Aspect

The Built Environment

Building Materials
• Link to Materials Science

- Building Materials

The Built Environment
Building Materials
Wood

- Building Materials – Wood

The Built Environment
Building Materials
Concrete

- Building Materials – Concrete

The Built Environment
Building Materials
Metal

- Building Materials – Metal

The Built Environment
Building Materials
Plastic

- Building Materials – Plastic
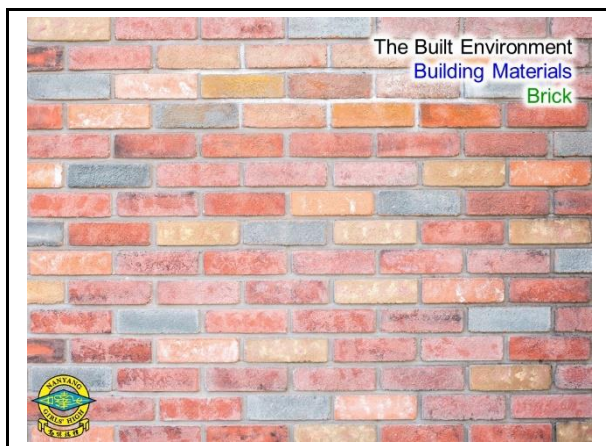
The Built Environment
Building Materials
Brick

- Building Materials – Brick
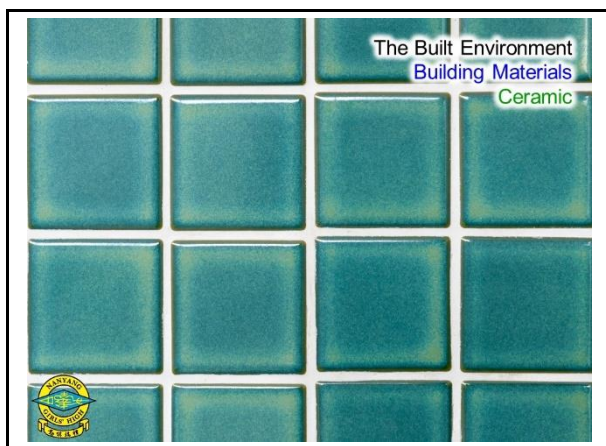
The Built Environment
Building Materials
Ceramic

- Building Materials – Ceramic

The Built Environment
Building Materials
Glass
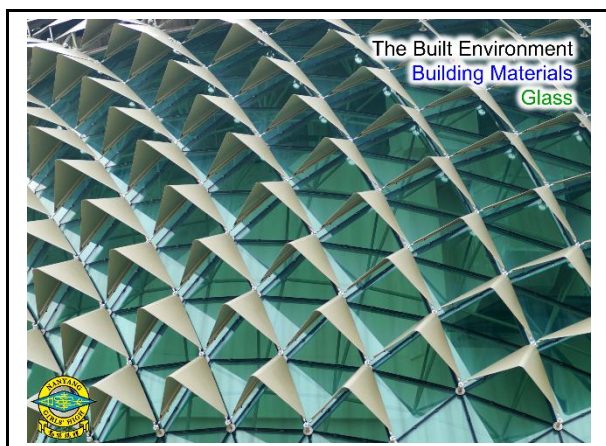
- Building Materials – Glass

- Building Materials – Bamboo
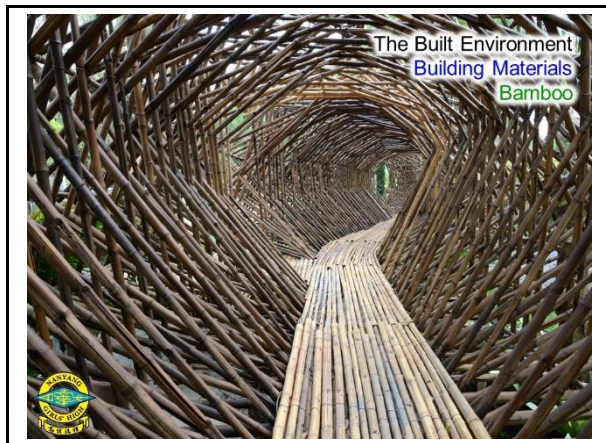
- Building Materials – Bamboo
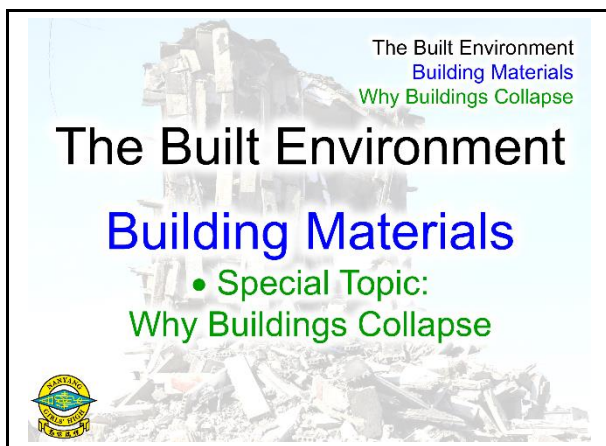
- Why Buildings Collapse

- Why Buildings Collapse

- Building Materials – Bamboo

- Building Materials in Chinese Culture

- Building Materials in Chinese Culture
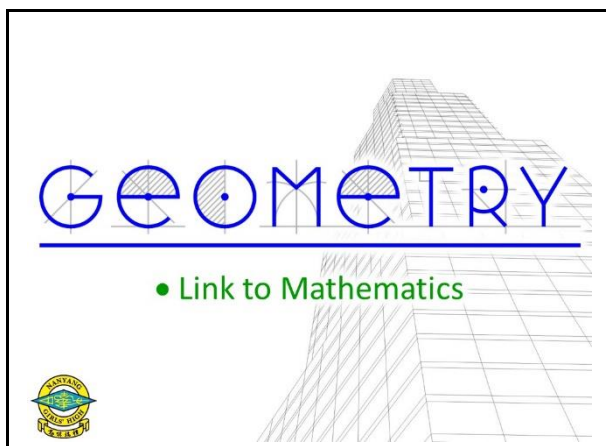
- Geometry
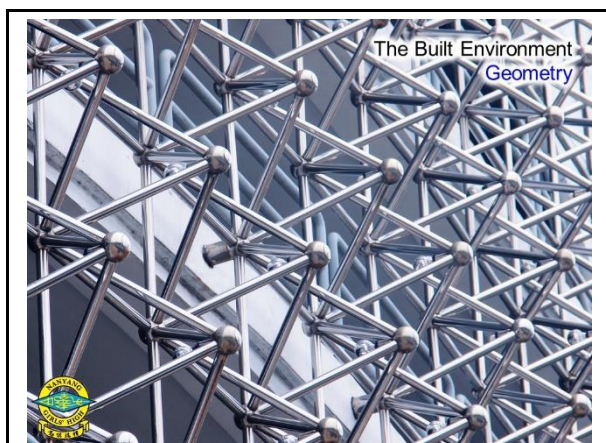
- Geometry

- Sustainability

- Sustainability

- Singapore

- Singapore
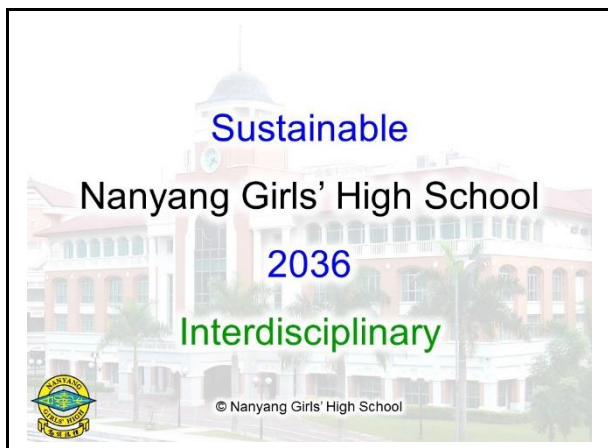
- Nanyang Girls' High School

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- Nanyang Girls' High School

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- Scientists use *models* to help them understand and explain the natural world. The models that Scientists use can be conceptual, mathematical and physical.

a) Why do Scientists use models to help them understand and explain the natural world?

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b) Which other disciplines use models to understand and explain ideas and concepts? Give examples to support your answer.

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c) What are the limitations of using models to understand and explain ideas and concepts?

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- Scan the QR code given below to view an online version of the presentation.

http://www.nygh.sg/interdisciplinary/sec_one/the_built_environment/chemistry_built_environment.pdf