**Changing Urban Systems Activities**



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| **Syllabus Link** |
| Urban system growth including infrastructure improvements over time, such as transport, sanitation, water, waste disposal and telecommunications |

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| **Part 1: Introduction** |
| Take notes on what kind of changes are occurring in the intro video |
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| Define urban infrastructure |
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| Name essential types of urban infrastructure |
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| **Part 2: Urban Infrastructure Concepts** |
| Describe the term networks and note some features |
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| Explain why the terms capacity and sustainability are important concepts and inter-related |
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| Describe how the structural layer impacts and is impacted by the other 3 layers in the diagram below |
| ChangingCities_fig2.png |
| **Layer** | **Impacts infrastructure** | **Impacted by Infrastructure** |
| **Ecological** |  |  |
| **Socioeconomic** |  |  |
| **Governance** |  |  |
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| **Part 3: Case Study** |
| **Syllabus Link:** Case study of infrastructure growth over time in one city |
|  Macintosh HD:private:var:folders:ww:zq2wytgx43n1mtsql4hcg2dw0000gq:T:TemporaryItems:changing-cities_1134x300pxl_tcm8-84539.jpg |
| You need to conduct a case study investigation for either Shanghai or Singapore. Resources for this are either on adorngeo or google classroom. |
| **Overview** (introduction of relevant background information) |
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| **Transport** |
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| **Sanitation** |
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| **Water** |
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| **Waste disposal** |
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| **Telecommunications** |
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| **Summary (one paragraph written summary or a mindmap)** |
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