

Thinking abstractly

The need for abstraction

Each of the following scenarios is an abstraction of the city of London in some way.

Get the students into pairs or small groups. If you have a small class you could project the slides onto the front of the class and have a discussion.

Show each slide, the students have to:

- Say how abstraction has been used (what has been added, removed, highlighted etc.)

- Explain why this level of abstraction was needed



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A-Z Travel map of London for people travelling by car

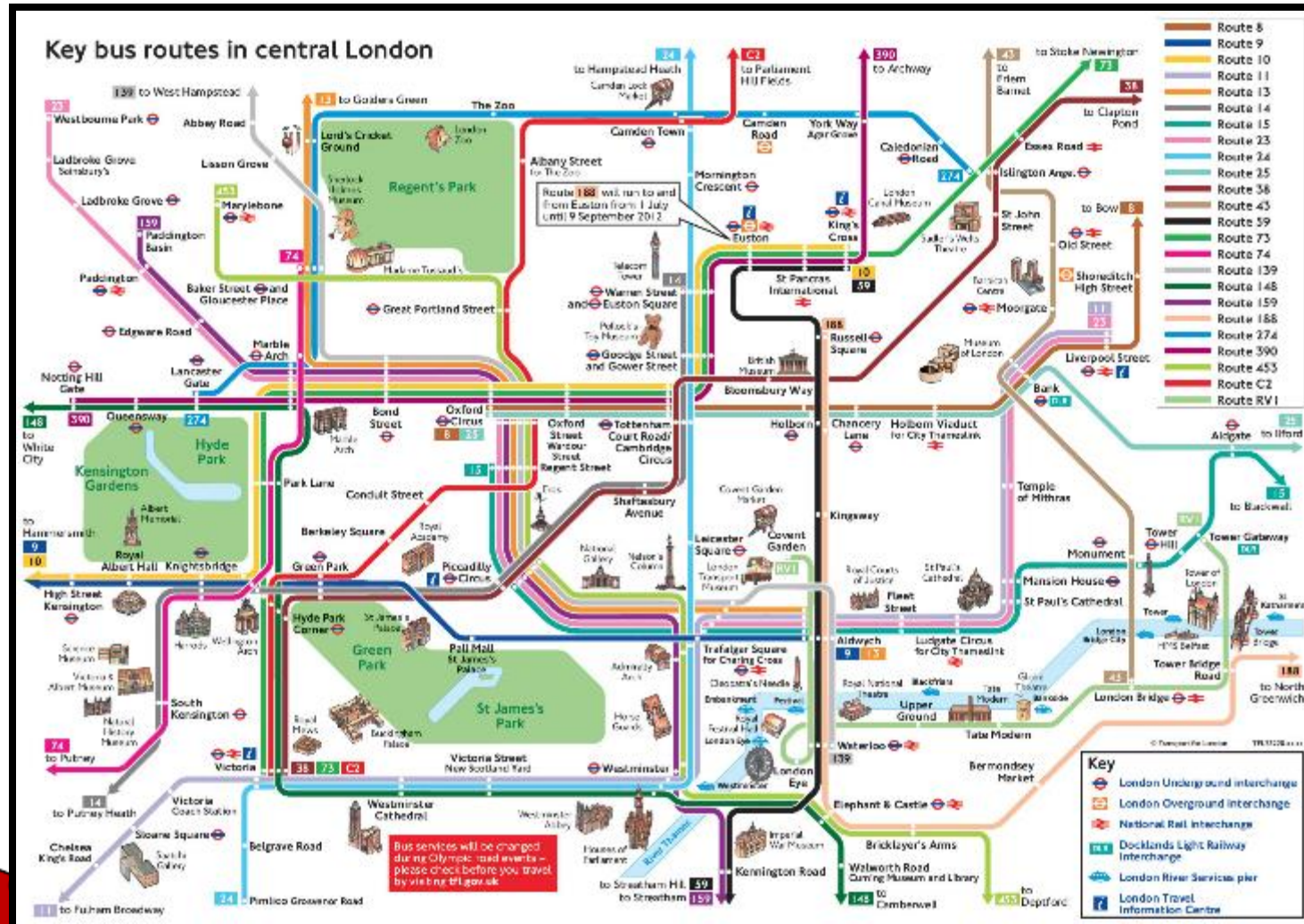


How has abstraction been used in this situation and why was it needed?

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Key bus routes in central London

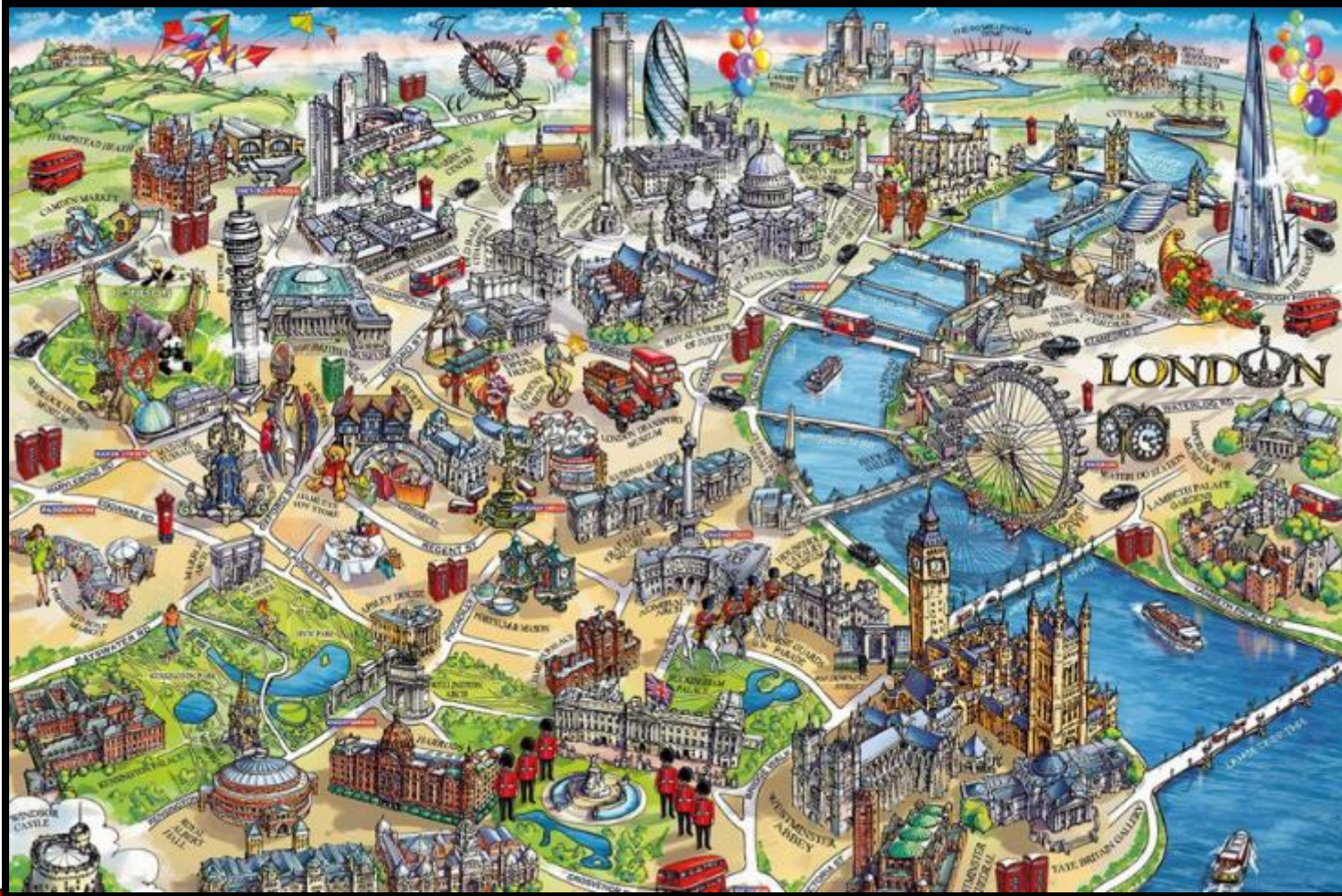


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Image used for a 1000-piece jigsaw puzzle about London's landmarks

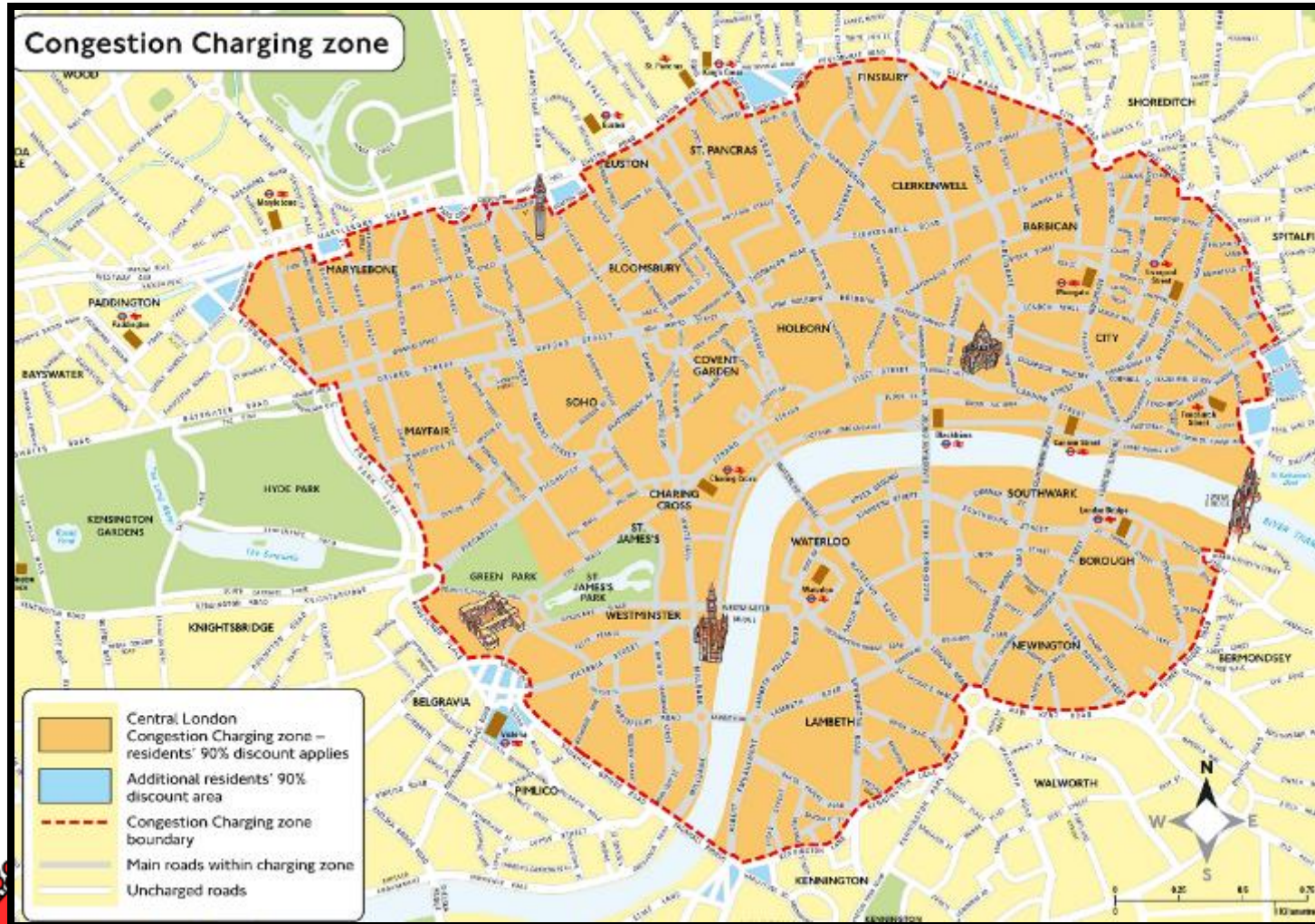


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Congestion zone map of central London

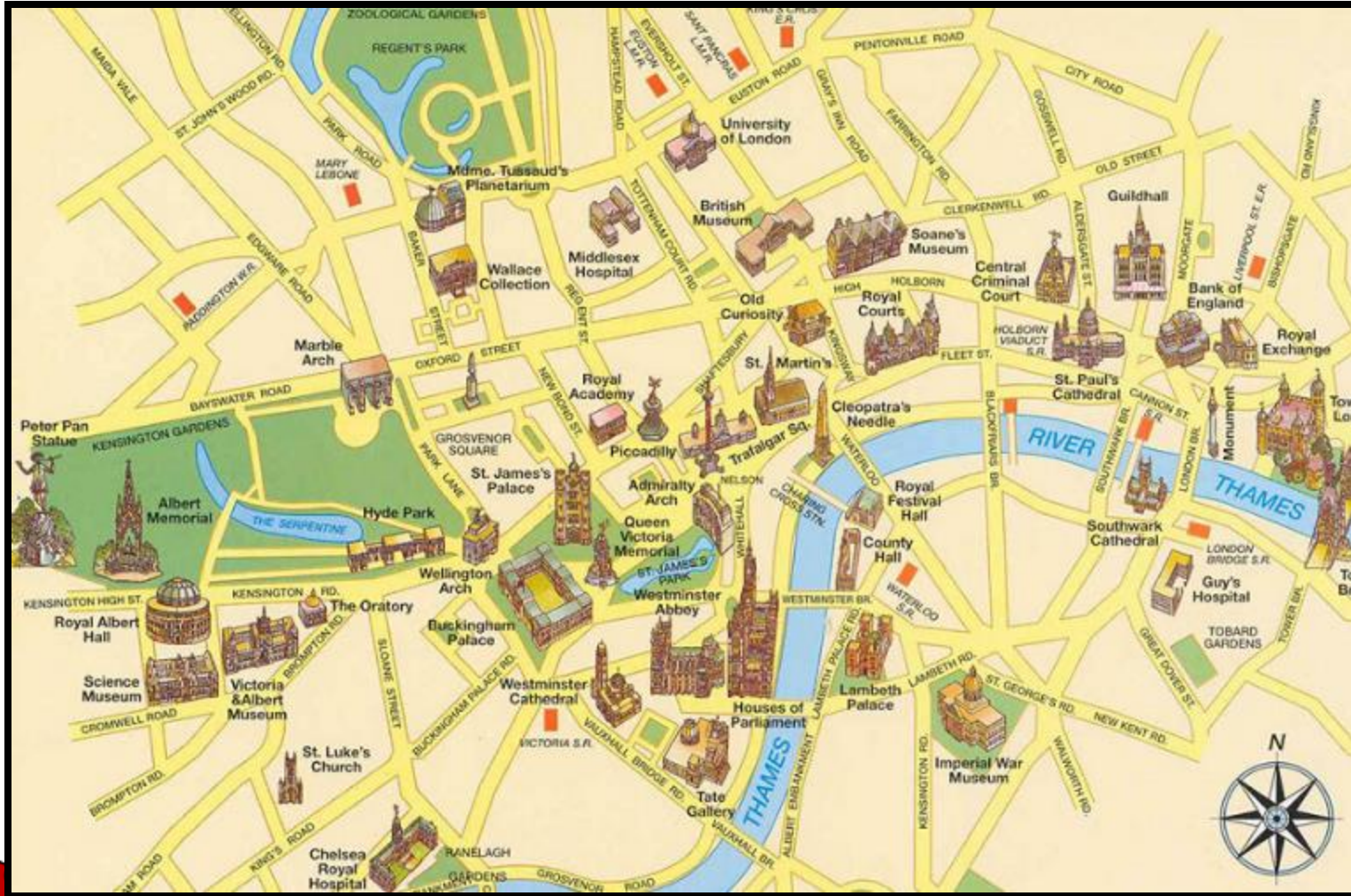


How has abstraction been used in this situation and why was it needed?

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Tourist map of London



How has abstraction been used in this situation and why was it needed?