

HIAS MOODLE+ RESOURCE

St. Basil's Cathedral

Geometry and the Art of Architecture: TASC

Jo Lees

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Final Version

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Overview

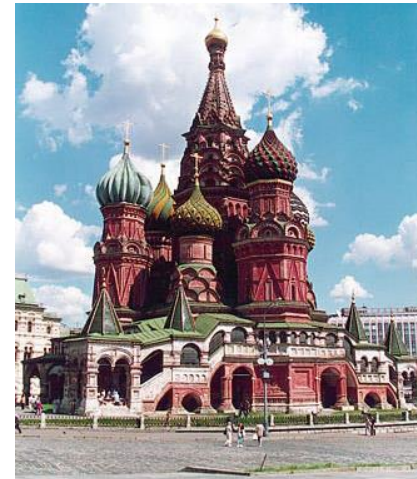
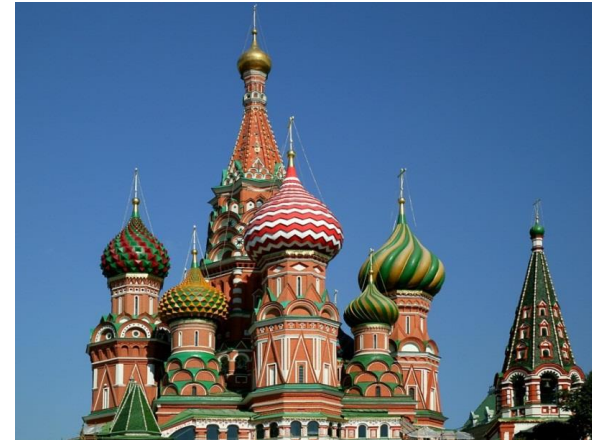
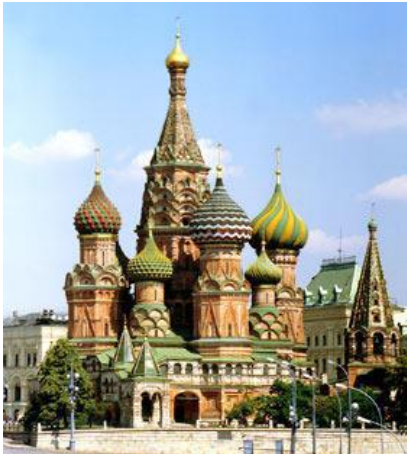
In this document

This mathematics task is part of a TASC resource (Thinking Actively in a Social Context). Instructions can be found in the document 'Geometry and the Art of Architecture' . It is suitable for KS3 and KS4

Points to consider when using this resource

Students should work collaboratively and will need geometric measuring resources and A3 paper.

St. Basil's Cathedral



Some facts about St. Basil's Cathedral	
Location	Moscow, Russia (Red Square)
Year built	1555-1561
Architect	Postnik Yakovlev
Design	9 towers ~ each topped with onion domes, each containing a chapel.
Materials	Mainly red brick and bronze
Height	81m or 266 feet
Notes	Commissioned by Ivan the Terrible. After completion, the architect was blinded to prevent him ever creating something as beautiful again. 8 of the towers are positioned around the ninth to form an 8-point star, which symbolises the Christian Church as a guiding light to mankind.

HIAS Maths Team

Jo Lees – Area Inspector - Mathematics

Email: jo.lees@hants.gov.uk

Tel: 02380 816139

Jacqui Clift – Area Inspector - Mathematics

Email: jacqui.clift@hants.gov.uk

Tel: 02380 816139

Jenny Burn – Inspector/Adviser – Mathematics

Email: jenny.burn@hants.gov.uk

Tel: 01962 876207

Tessa Ingrey – Teaching & Learning Adviser – Mathematics (P/T)

Email: tessa.ingrey@hants.gov.uk

Tel: 01962 876207

Natalie Ivey – Inspector/Adviser – Mathematics (P/T)

Email: natalie.ivey@hants.gov.uk

Tel: 01962 876207

Dave Parnell – Teaching & Learning Adviser – Mathematics

Email: dave.parnell@hants.gov.uk

Tel: 01962 876207

Rebecca Reynolds – Teaching & Learning Adviser – Mathematics

Email: rebecca.reynolds@hants.gov.uk

Tel: 01962 876207

Brenda Robertson – Inspector/Adviser – Mathematics
Email: brenda.robertson@hants.gov.uk
Tel: 01962 876207

Kate Spencer – Teaching & Learning Adviser – Mathematics
Email: kathryn.spencer@hants.gov.uk
Tel: 01962 876207

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