



Lesson: Construction in the Climate Crisis



ACTIVITY OUTLINE



Pupils are introduced to 5 key construction and loci skills using the slides and they practice these using Constructions Booklet 1.

Following this, students practice applying these skills to climate resilience focused construction questions involving awareness of common threats and dangers faced in lower income countries as a consequence of climate change.

For example:

plotting the area that a new coffee plantation can be planted in when rising temperatures mean that coffee can only be produced at higher altitudes;

plotting the optimal location to construct an internet mast to provide early warning of flood risks etc. Scenarios are on slides and also on Construction Booklet 2. Don't miss the background notes on the powerpoint slides giving further information about each of the scenarios



CURRICULUM OUTCOMES



Students:

Use mathematical constructions including angle bisectors and perpendicular bisectors

Apply these skills to practical problems regarding the construction of infrastructure in a variety of contexts



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GLOBAL LEARNING OUTCOMES



CLIMATE
ACTION



Students can name some different consequences of climate change and how these affect people, animals and plants

SMSC/ British Values - Understanding of the consequences of our behaviour and actions

Action



Why not join 100,000 students in over 100 countries in taking part in the Climate Action Project with your school.

This project takes place every year and involves students aged 6 - 22 across 6 continents connecting virtually to work out solutions to climate challenges over the course of six weeks.

They will study causes and effects, come up with creative solutions and take action.

<https://www.climate-action.info>



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