KS3 Home Learning	Subject: Geography Topics: Mapping	Year: 7
Ordnance Survey Map Zone Explore the OS Map zone website and learn about co-ordinates, grid references, map symbols, contours and other map skills. Test your knowledge using the games and activities. https://www.ordnancesurvey.co.uk/mapzone/	**Use Google Earth to explore Wolverhampton and the world:** https://earth.google.com/web/@52.58054622,-2.18543351,113.70560659a,165.20993983d,35y,0.00000001h,70.25186004t,-0r/data=CgQSAggB Use the Voyager function to out about a world issue. This links Google Earth with videos, photos, graphs and 3D imagery to help you learn about the world using maps. Use the "Layers" function to find out about changes in Arctic sea ice or glacier coverage. Go to the "Culture" section to look at architecture and indigenous languages.	**My route to school** Draw a map of your route to school. Make sure you show roads, junctions, public buildings, green space, public transport and other features. Use symbols and a key to add more detail. To make your map even better, you could add colour, a scale bar to show distance and a compass rose to show directions. To help you, use Google Maps, Google Earth or the Bing Maps Ordnance Survey layer.
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GeoGuessr Sign up to a free account on GeoGuessr and have a go at the games and activities. Focus on challenges about the UK. https://www.geoguessr.com/	**Trig Pillars** Read about Trig Pillars here: https://www.ordnancesurvey.co.uk/blog/2016/04/a-history-of-the-trig-pillar/ . Trig pillars are normally made of concrete and are plain grey in colour. Imagine that you have been asked by the Ordnance Survey to design your own specially-decorated Trig Pillar to go on top of Ben Nevis (the tallest mountain in the UK). Use as many OS symbols and map elements in your design. Write a paragraph explaining what Trig Points are and what the Ordnance Survey does below your design.	**OS Maps** Print off and colour in these OS extracts: https://getoutside.ordnancesurvey.co.uk/guides/free-maps-to-colour-in/ . Use these samples to make sure you use the correct colours: https://www.ordnancesurvey.co.uk/mapzone/assets/doc/Explorer-25k-Legend-en.pdf. Once you are familiar with the colours and symbols, have a go at drawing an OS map for your local area.
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