



**CAMBRIDGE**  
**OCR**

Accredited

**GCSE (9–1) Geography A (Geographical Themes)**  
**J383/03 Geographical Skills**

Sample Resource Booklet

Version 1.3

Time allowed: 1 hour 30 minutes

**INSTRUCTIONS**

- You can write on this Resource Booklet but it will **not** be sent for marking.

**INFORMATION**

- This document has **12** pages.

Figure 1

OS map extract of Bradford



**Communications**

ROADS AND PATHS	VOIES DE COMMUNICATION	STRASSEN UND WEGE
Service area Junction number Unfenced road Dual carriageway Sans clôture A 493 Nicht eingezäunt B 4518 A 855 B 885 Bridge Font Road generally less than 4m wide Road generally more than 4m wide Other road, drive or track Path Gradient steeper than 20% Gates Ferry P Ferry V	<b>Not necessarily rights of way</b> Motorway (dual carriageway) Autoroute (chaussées séparées) avec aire de service et échangeur numérotés Autobahn (Zweibahnig) mit Servicestation und Anschlussstelle sowie Nummer der Anschlussstelle Primary Route itinéraire principal Fernstrasse Main road Route principale Hauptstrasse Road under construction Route en construction Strasse im Bau Secondary road Route secondaire Nebenstrasse Narrow road with passing places Route étroite avec voies de déassement Enge Strasse mit Ausweichstellen Road generally more than 4m wide Route généralement de plus de 4m de largeur Strasse, im allg über 4m breit Road generally less than 4m wide Route généralement de moins de 4m de largeur Strasse, im allg unter 4m breit Other road, drive or track Autre route, allée ou sentier Sonstige Strasse, Zufahrt oder Feldweg Path Sentier Fussweg Gradient steeper than 20% (6 in 5), 14% to 20% (1 in 7 to 1 in 5) Pente Supérieure à 20% (1 pour 5), 14% à 20% (1 pour 7 à 1 pour 5) Steigung über 20%, 14% bis 20% Gates Barrières Schranken Road tunnel Tunnel routier Strassentunnel Ferry (passenger) Bac pour piétons Personenfähre Ferry (vehicle) Bac pour véhicules Autofähre	

**Tourist Information**

TOURIST INFORMATION	RENSEIGNEMENTS TOURISTIQUES	TOURISTENINFORMATION
Viewpoint Point de vue Aussichtspunkt Visitor centre Centre pour visiteurs Besucherzentrum Walks / Trails Pénicoudes Wanderwege Nature reserve Réserve naturelle Naturschutzgebiet Parking Parking Parkplatz Youth hostel Auberge de jeunesse Jugendherberge Golf course or links Terrain de golf Golfplatz Garden Jardin Garten	Camp site/caravan site Terrain de camping/Terrain pour caravanes Campingplatz/Wohnwagenplatz Selected places of tourist interest Endroits d'un intérêt touristique particulier Ausgewählter Platz von touristischem Interesse Information centre, all year / seasonal Office de tourisme, ouvert toute l'année / en saison Informationsbüro, ganzjährig / saisonal Picnic site Emplacement de pique-nique Picknickplatz Park & Ride, all year / seasonal Parking et navette, ouvert toute l'année / en saison Park & Ride, ganzjährig / saisonal Telephone, public / roadside assistance Téléphone, public/ borne d'appel d'urgence Telefon, öffentlich / Notrufsäule Recreation / leisure / sports centre Centre de détente / loisirs / sports Erholungs- / Freizeit- / Sportzentrum World Heritage site/area Site du Patrimoine Mondial Weltbesitz	

**General Information**

LAND FEATURES	
	Cutting embankment
	Electricity transmission line (pylons shown at standard spacing)
	Pipe line (arrow indicates direction of flow)
	Buildings
	Important building (selected)
	Bus or coach station
	Glass structure
	Helport
	Current or former place of worship (with spire, minaret or dome)
	Place of worship
	Triangulation pillar
	Mast
	Wind pump, wind turbine
	Windmill with or without sails
	Graticule intersection at 5' intervals
	Landfill site or slag/leach heap
	Coniferous wood
	Non-coniferous wood
	Mixed wood
	Orchard
	Park or ornamental ground
	Forestry Commission land
	National Trust-always open
	National Trust-limited access, observe local signs
	National Trust for Scotland - always open
	National Trust for Scotland - limited access, observe local signs

WATER FEATURES	
	Marsh or salt marsh
	Towpath
	Lock
	Slopes
	Cliff
	High water mark
	Low water mark
	Lighthouse (in use)
	Beacon
	Aqueduct
	Weir
	Normal tidal limit
	Footbridge
	Bridge
	Sand
	Dune
	Lighthouse (disused)
	Mud
	Stringle
	Canal (dry)

HEIGHTS	
	Contours are at 10 metres vertical interval
	Contours are at 5 metres vertical interval
	Contours are at 1 metre vertical interval
	Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first is the height of the natural ground at the location of the triangulation pillar, and the second (in brackets) to a separate point which is the highest actual summit.

**ABBREVIATIONS** See our website for full list

CH	Clubhouse	CG	Cattle grid
PH	Public house	P	Post office
PC	Public convenience (in rural area)	MP	Milepost
TH	Town hall, Guildhall or equivalent	MS	Milestone

**ARCHAEOLOGICAL AND HISTORICAL INFORMATION**

	Site of antiquity		Roman		Iron Age
	Visible earthwork		Celtic		Non-Roman

**ROCK FEATURES**

	Outcrop
	Cliff
	Scree

Figure 2

GIS (Geographical Information System) maps with information about Bradford

# Bradford City Interactive

VistaGram

- Home
- About
- The Map
- Meet Me Here

- Shopping
- Restaurants
- Food & Drink
- Services
- Entertainment
- Hotel & Leisure
- Public information
- Places of interest

Site/Street Search.  GO

**Key**

- Free City Bus Route Mon - Fri 7am - 7pm Sat 8am - 5.30pm
- Free City Bus Stops Every 10 minutes
- Buses Only
- Pedestrianised Areas
- Access Only
- HGV's Prohibited

The map has information and recommendations which you may find useful. Switch the spots on by clicking on the categories below..

- Shopping
- Restaurants
- Food & Drink
- Services
- Entertainment
- Hotel & Leisure
- Public Info
- Places of Interest
- Meet Me Here

Welcome to the Bradford Interactive map by VistaGram

'Click and Drag' anywhere on the map to navigate your way around the streets of Bradford. Find some hidden gems, and arrange to meet your friends along the way.

Switch on categories, rollover and click on the spots to discover Bradford

Reposition the map with the hand cursor

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Figure 3

Choropleth map showing distribution of Pakistani ethnicity across UK regions

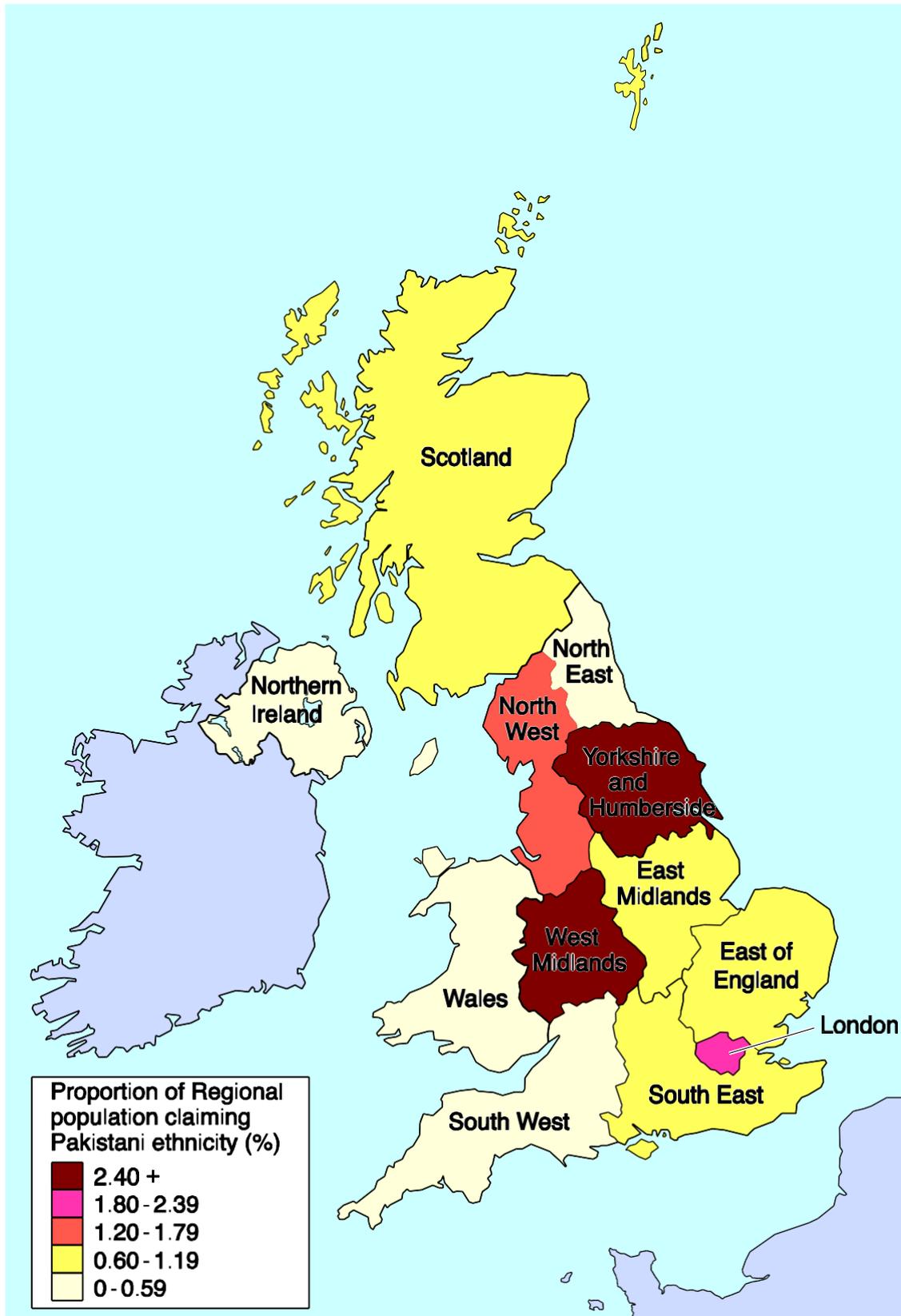


Figure 4

## Components of population change in Bradford between 2009 and 2010

	2009-10
<b>Population at start of period</b>	<b>506,800</b>
Births	8,700
Deaths	4,300
<b>Natural Change (births minus deaths)</b>	<b>4,400</b>
International migration inflows	6,500
International migration outflows	2,000
Internal migration inflows	13,800
Internal migration outflows	16,800
<b>Net migration</b>	<b>1,500</b>
<b>Total population change</b>	<b>5,900</b>
<b>Population at end of period</b>	<b>512,700</b>

Figure 5

## Population projections for Bradford

**Projected Population: Bradford District 2010 - 2033**

Source: Office for National Statistics

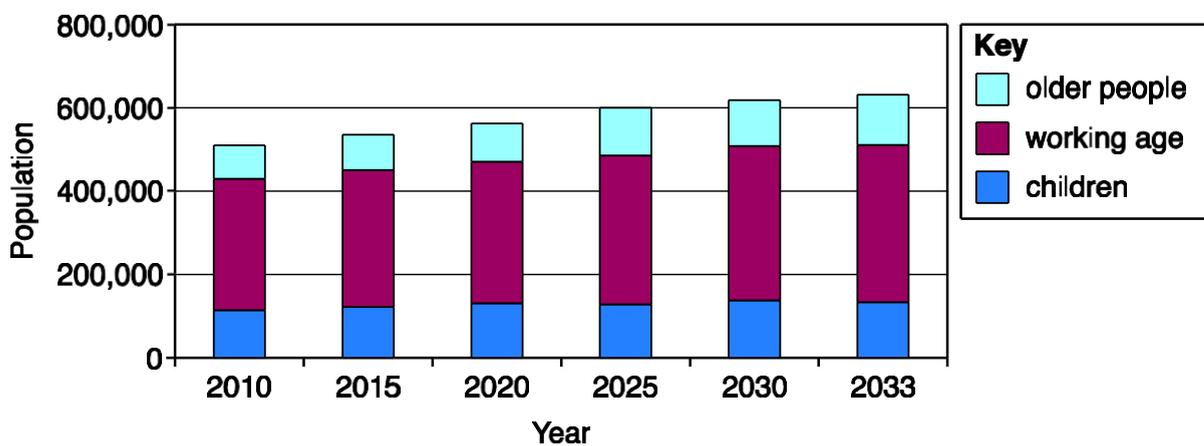


Figure 6

Average household electricity consumption for selected UK cities (KWh)

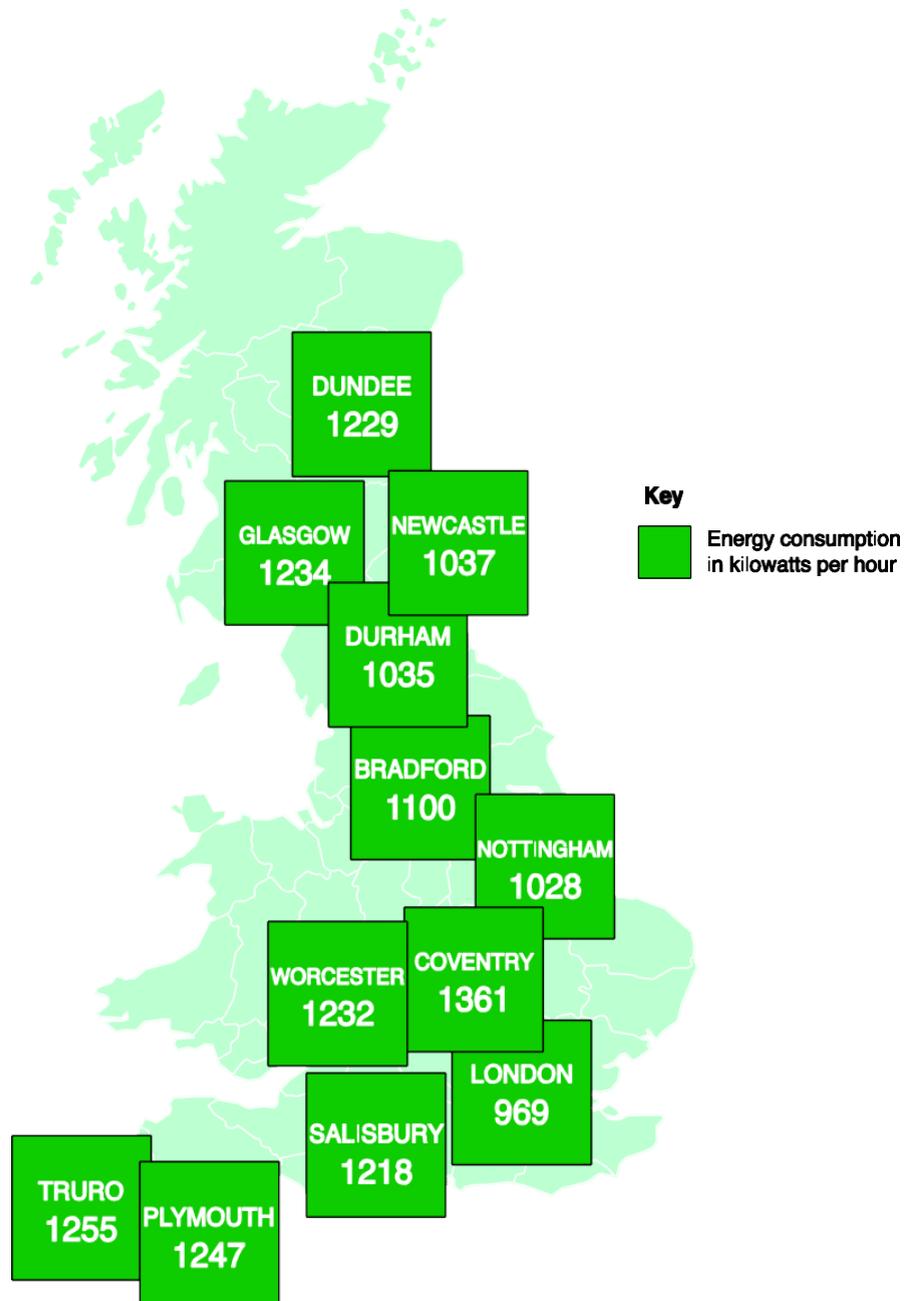


Figure 7

Physical map of Nigeria

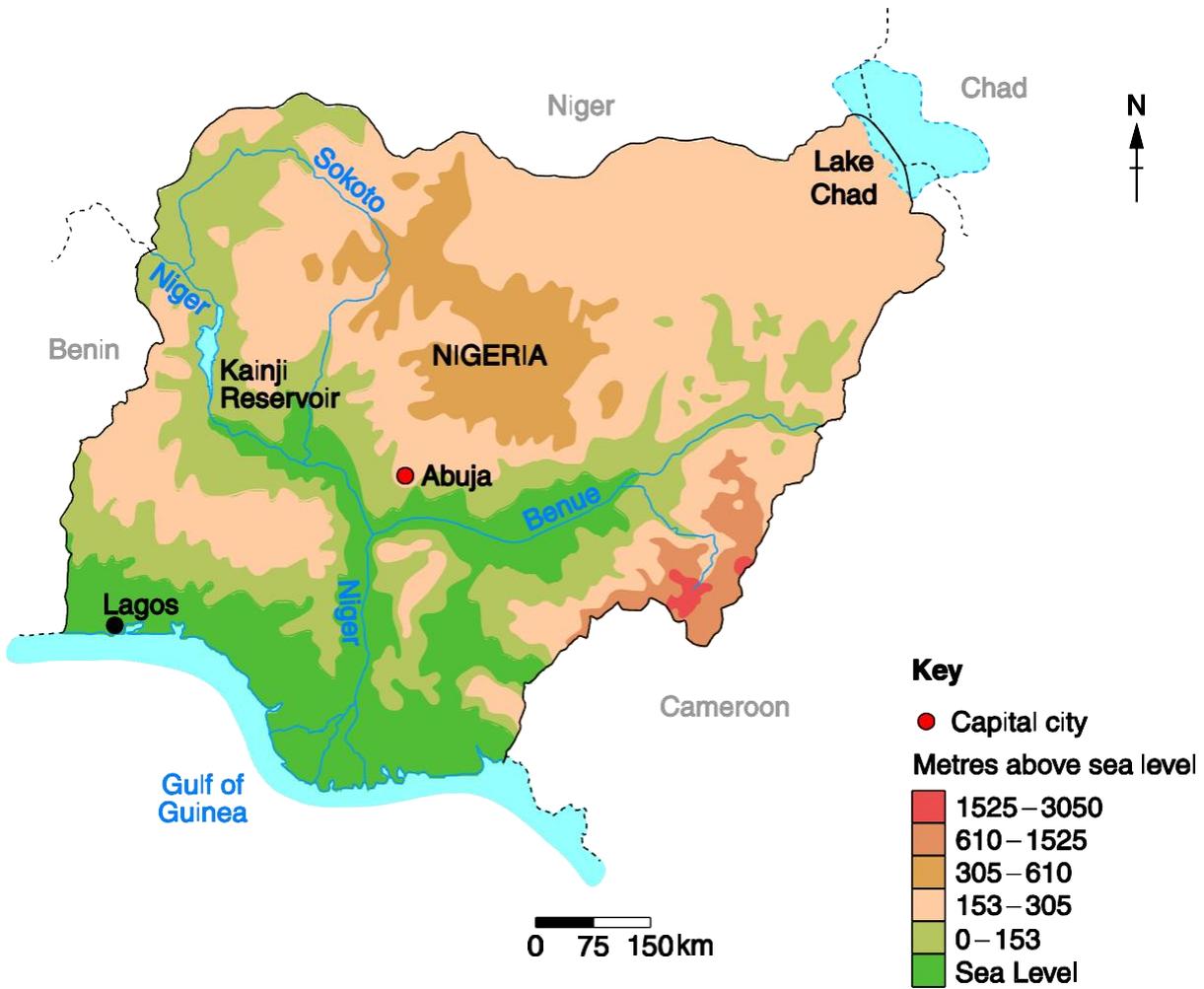


Figure 8

Photographs of Lagos in Nigeria



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## Summary of updates

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<b>Date</b>	<b>Version</b>	<b>Details</b>
July 2021	1.1	Updated copyright acknowledgements.
January 2024	1.2	Updated as part of accessibility improvements.
October 2025	1.3	Amended rubrics on front cover of the sample assessment material.

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Fig. 1: © Crown copyright (2015), Ordnance Survey (100043707)

Fig. 2: Bradford City Interactive map, [www.bradford-interactive.org](http://www.bradford-interactive.org), accessed Mar 2015. © Silvermaze 2009

Fig. 4: Extract from Bradford City Council, "Bradford Power: 2020 and beyond Renewable Futures for Bradford Council" for Environment and Waste Management Overview and Scrutiny Committee, BRADFORD CITY COUNCIL. © Crown Copyright. Reproduced under the terms of the Open Government Licence v3.0.

Fig. 5: Extract from Bradford City Council, "Bradford Power: 2020 and beyond Renewable Futures for Bradford Council" for Environment and Waste Management Overview and Scrutiny Committee, BRADFORD CITY COUNCIL. © Crown Copyright. Reproduced under the terms of the Open Government Licence v3.0.

Fig. 8: Two photos of Lagos, Nigeria © peeterv / Getty Images. [www.gettyimages.co.uk](http://www.gettyimages.co.uk) Reproduced with permission.  
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