

Geography A Level Learning Journey – Contemporary urban environments

		LWE/PES
	Case studies/ examples	
Urbanisation	Bengaluru St Ives & East Keswick Brick Lane & Granary Wharf LDDC, Hulme, Devonport	<p>Growth of urbanisation and global patterns of urbanisation. Causes of urban growth (natural increase and migration)</p> <p>Consequences of urban growth – urban sprawl, shortage of housing in LICs and HICs, lack of urban services and waste disposal, unemployment and transport issues</p> <p>Urban processes (causes and effects) – factors causing urbanisation in Bengaluru, suburbanisation (Roundhay), counterurbanisation (East Keswick, St Ives, Cambridgeshire), Urban resurgence (Brick Lane, Jewellery Quarter Birmingham), deindustrialisation and the rise of the service sector (Northern cities eg. Sheffield)</p> <p>Urban policy – UDCs (London Docklands), City Challenge (Hulme Manchester) and New Deal for Communities (Devonport, Plymouth)</p>
Urban forms	Leeds Granary Wharf & Brick Lane Chapel Allerton LA Las Vegas	<p>Characteristics of megacities and world cities – use examples of Mumbai (megacity) and London (world city) Spatial patterns of landuse – bid rent theory and PLVI</p> <p>New urban landscapes – city centre mixed development, cultural and heritage quarters (Old Truman Brewery and Granary Wharf, gentrified areas (Brick Lane and Chapel Allerton), fortress landscapes (Wythenshaw estate Manchester and LA), edge cities (LA) and postmodern western city (Las Vegas)</p>
Social and economic issues associated with urbanisation	London Mumbai	<p>Economic inequality and reasons for this. Multiple Deprivation Index and the web of inner city decline. Strategies to manage poverty in inner cities</p> <p>Cultural diversity and the reasons for this. Issues associated with cultural diversity and strategies to manage this</p> <p>Social segregation based on ethnicity and the reasons for this. Strategies to manage negative issues linked to ethnic segregation</p>
Urban climate		<p>Impact on local climate and weather to include: urban heat islands, precipitation frequency and intensity, fog, thunderstorms, wind speed, direction and frequency and air quality (particulate and photochemical pollution) Examples: Burj Khalifa building in Dubai, Masdar City in Abu Dhabi</p> <p>Pollution reduction policies</p>
Urban		Urban hydrology (surfaces and catchment characteristics, impacts

drainage	Seoul	<p>on storage areas and flashy hydrographs)</p> <p>Issues linked to catchment management in urban areas and the development of SUDS (Sustainable Urban Drainage Systems)</p> <p>Case study: The Cheonggyecheon River project, Seoul in South Korea – Reasons for and aims of the project, evaluation of the success of the project. Think about different attitudes of different groups of people.</p>
Urban waste and it's disposal	Amsterdam	<p>Waste generation, sources of waste (industrial, commercial and personal).</p> <p>Impacts of waste disposal approaches: unregulated, recycling, recovery, incineration, burial (landfill), submergence and trade</p> <p>Case studies: Landfill v incineration in Amsterdam</p>
Other contemporary urban environmental issues:		<p>Environmental problems in contrasting urban areas: atmospheric pollution, water pollution and dereliction</p> <p>Strategies to manage these problems</p> <p>Case studies: Water problems in India and Thames Tideway Tunnel, dereliction in London (Also see London and Mumbai case studies)</p>
Sustainable urban development	Copenhagen, Curitiba Freiburg	<p>Impact of urban areas on local and global environments, ecological footprint, dimensions of sustainable cities (natural, physical, social, political and economic), nature and features of sustainable cities, concept of liveability</p> <p>Contemporary opportunities and challenges in developing more sustainable cities</p> <p>Strategies for more sustainable cities</p> <p>Case studies: Copenhagen, Curitiba, Freiburg and BEDZED (Also see London case study)</p>
Case studies	London v Mumbai	<p>Case studies: London and Mumbai</p> <ul style="list-style-type: none"> • Patterns of economic and social well being & cultural diversity • Nature and impact of physical environmental conditions • Strategies to manage issues <p>With reference to environmental sustainability, character of study area and the experience and attitudes of their populations</p>