

RADwaste Curriculum mapping

	Main Modules/Units	Theme	Detail
AQA Specification A	People and the Human Environment	10.4 Industrial location is influenced by many factors.	A consideration of locational factors: transport, government policy, raw materials, finance, labour, energy, physical site. The problems of the environmental impact of industries, particularly heavy industries and their contribution to land, sea and air pollution.
AQA Specification B	United Kingdom	9.4 Electricity Generation for the Future	Compare the advantages and disadvantages of gas fired, coal fired, nuclear and hydro-electric power stations, with reference to their economic and environmental impacts
AQA Specification C	Managing Economic Development	9.10 Resource Depletion: how can existing resources and their alternatives be managed to ensure future supplies?	9.10.c Sustainable strategies for managing depletion, renewable energy, appropriate technology and recycling. The role of government and NGOs.
OCR Specification A	People and their Needs	Energy (a) The changing importance of fossil fuels, nuclear power and alternative energy sources. (b) Consequences for communities as energy supplies change.	(a) The reduction in coal production, the increasing use of natural gas, the nuclear debate, opportunities for, and consequences of the development of alternative energy sources. Strategies for sustainability. (b) A case study of the effects on economic activities and communities of changes in energy production
OCR Specification B – Avery Hill	UNIT 4: PEOPLE, WORK AND DEVELOPMENT	ECONOMIC ACTIVITY: The location of different economic activities is influenced by a range of factors. ECONOMIC ACTIVITY AND THE ENVIRONMENT: Economic activity can seriously damage the physical environment.	7.1 Who makes decisions about the present and future location of economic activities? 7.2 What factors influence decisions about where to locate different economic activities? 7.3 How and why have the locations of different activities changed?
OCR Specification C – Bristol Project	Unit 4 - Economic Systems and Development Unit 5 Sustainable Development	(b) Exploitation and management of natural Resources Where are economic activities located and why? How can the use of resources and environments best be developed and managed? c) Resolving Issues How can planning help to resolve issues about the use of land and resources? Planning for an improved quality of environment. Can sustainable development be achieved?	The general factors affecting the location of economic activity and at least one selected example Different ways of managing environments and resources including approaches for stewardship, conservation and sustainable development The role of individual citizens, groups and decision makers.

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Edexcel A	Unit A3 (Core) The Economic World	<p>3.3 The location of industry changes over time</p> <p>In MEDCs the broad physical, economic, political and human factors affecting the location of secondary industries.</p> <p>A study of one modern high tech industry to consider the specific factors affecting its location.</p>	Broad factors include transport, labour, energy, raw materials, government influences and quality of the environment.
Edexcel B	Unit A1 (Core) Population and Resources	<p>1.4 What are resources?</p> <p>a) What are the differences between renewable and non-renewable resources?</p> <p>b) What are the advantages and disadvantages of each?</p> <p>1.6 How are energy resources being used?</p> <p>c) What impact does exploitation of these resources have on the environment?</p>	<p>b) The issues of exploitation, conservation and sustainability, with reference to renewable and non-renewable resources.</p> <p>c) The positive and negative impacts at a variety of scales, from local to global</p>
CCEA Geography	<i>Theme D – Population and Resources</i>	3 Population growth means that a more sustainable approach to resource exploitation and consumption must be found.	3.2 Sustainable approaches to energy use and development of renewable energy resources: Evaluation of one scheme in terms of benefits/ problems to environment and to sustainable development.
WJEC Geography A	1C TOWARDS SUSTAINABLE DEVELOPMENT OF THE ENVIRONMENT	<p>1. What are the issues of sustainability in the future development of energy resources?</p> <p>3. The development of a natural resource in one part of the world may be the result of a changing demand from other countries.</p> <p>How can this resource be sustainably developed?</p>	<p>An understanding of the arguments for and against the development of:</p> <p>(i) renewable</p> <p>(ii) Non-renewable energy sources.</p> <p>An understanding of the:</p> <p>(i) growth in demand for this natural resource;</p> <p>(ii) environmental effect of the development of this natural resource;</p> <p>(iii) Strategies for sustainable development of this natural resource.</p>