

Syllabus ref.	Learning objectives	Suggested teaching activities
		<p>Positive response to the problem including aid and measures to increase output.</p> <p>Learners research using internet and teacher resources and write up as a webpage or article for a geographical journal. Please ensure appropriate place-specific information through the case study.</p>
3.3 Industry	<p>Demonstrate an understanding of an industrial system: inputs, processes and outputs (products and waste)</p>	<p>Define 'industry' and reinforce as a type of secondary activity. Revisit the key words of a 'system' – recap using a quick 'heads and tails' activity.</p> <p>An introduction to industry: www.s-cool.co.uk/gcse/geography/industry/revise-it/an-introduction-to-industry</p> <p>Characteristics of industry: www.bbc.co.uk/schools/gcsebitesize/geography/economic_change/characteristics_industry_video.shtml</p> <p>Industry: www.revisionworld.com/gcse-revision/geography/industry</p> <p>Learners understand that outputs can include both products and waste.</p> <p>Learners define the key industry types as shown in the syllabus and briefly write up to describe the characteristics of each following whole class discussion with an example to illustrate. (I)</p> <p>Learners to produce a systems diagram for a chosen industry – link to later case study – and answer questions to interpret the diagram. Could be drawn from information provided as text or a card sorting activity. (I)</p>
	<p>Describe and explain the factors influencing the distribution and location of factories and industrial zones</p>	<p>Show learners photographs of different types of factories and industrial zones and ask them to identify the factors that they think might have influenced the location of each. Build up a mind map of key factors following paired discussion as a whole class. These can then be further classified. For each one, learners explain how the factor might influence industrial location. For each, link to not only the location but also scale of production, methods of organisation and products of the system. Link to previous work on transnational companies (3.1) and advantages of rural/urban fringe locations (1.2). (I)</p> <p>Decision-making exercise: provide learners with a sketch map and factors marked on. Learners have to decide which is the best location for a particular type of industry, and then justify and explain their choice. Present ideas in a table – advantages and disadvantages of each site. (I)</p> <p>Map work opportunity: providing map extract with either a factory or industrial zone marked on – learners identify the factors that may have led to its location and support with map evidence.</p>

Syllabus ref.	Learning objectives	Suggested teaching activities
		<p>Learners work in pairs to complete a card sorting activity – raw material oriented industry and market oriented industry – includes some examples. Write up the card sorting activity to explain the factors that encourage industries to locate near to their raw materials and those which locate near to their market. (I) Follow up with individual research of some appropriate examples. Could follow up with an ‘odd one out’ activity based on systems diagrams and industrial location factors. Define the term ‘footloose’ add to key word glossary and give an example.</p> <p>Link to 3.7 – describe how economic activities may pose threats to the natural environment locally and globally – discussion of how industry can cause noise, air, water and visual pollution – learners mind map ideas for each and then write up to develop/explain. Suggest solutions for each.</p> <p>The following links will be useful here: Characteristics of industry: www.bbc.co.uk/schools/gcsebitesize/geography/economic_change/characteristics_industry_rev4.shtml</p> <p>Factors affecting industrial location: www.s-cool.co.uk/gcse/geography/industry/revise-it/the-location-of-industry</p> <p>Industry: www.revisionworld.com/gcse-revision/geography/industry</p> <p>Industry in MEDCs (video): www.bbc.co.uk/schools/gcsebitesize/geography/economic_change/industry_medcs_video.shtml</p>
3.3 Case study	Know a case study of an industrial zone or factory	<p>Learners should know a case study of an industrial zone or factory.</p> <p>Annotated sketch map and description to locate industrial zone or factory. Systems diagram for the factory or industry (within a zone).</p> <p>Write-up of the factors that have influenced the location of the industry. Include influence on location, scale of production, methods of organisation and the products of the system.</p> <p>The case study could be a factory, a region with a particular type of industry or a zone where there are a variety of industries. Please ensure appropriate place-specific information through the case study.</p> <p>Manufacturing industry – South Wales: www.s-cool.co.uk/gcse/geography/industry/revise-it/case-studies</p>

Past and specimen papers

Past/specimen papers and mark schemes are available to download at <https://teachers.cie.org.uk> (F)

3.2 Food production

Nov 2012 Paper 12 Q5a and b

Jun 2012 Paper 11 Q5a

Jun 2012 Paper 13 Q6a and b

3.3 Industry

Jun 2013 Paper 13 Q5a

Nov 2013 Paper 12 Q5ai, ii and iii

Jun 2012 Paper 12 Q5bi and ii

Jun 2013 Paper 11 Q6c