

# AQA Scheme of work

# Britain: Health and the people (2A)

This resource provides guidance for teaching Britain: Health and the people Thematic studies topic from our new GCSE in History. It is based on the version 0.2 of the draft specification (8145), and is likely to be revised on accreditation of the final specification. These revisions will be published on the website after accreditation.

This scheme of work enables students to understand how medicine and public health developed in Britain over a long period of time. Students will focus on the main change factors: war, religion, government, science, the role of the individual, and how they worked together. Students will develop an understanding of the causes, consequences and significance of change, as well as the resulting progress.

#### Assumed coverage

This teaching and learning plan is intended for 30 classroom lessons, each of one hour. It doesn't include homework learning time, but it covers three revision and assessment lessons

#### Assessment

Assessment points in the learning activity column indicate possible assessment opportunities. These could be short tests of about ten minutes (exam-style guestions, short factual tests, source evaluation) or longer assessments (exam-style guestions).

#### Resources

Research exercises assume students have access to a textbook(s) and/or internet. You can supplement textbook(s) by other sources. When considering primary and secondary evidence, remember that the exam paper tests students' ability to analyse and evaluate contemporary sources (A03). A range of contemporary sources might include: cartoons, photographs, film, newspaper accounts, eye-witness descriptions and official documents. Interpretations of these events, reflecting later on the causes of the Second World War, will not be tested in the exam, but may be used in the classroom to support understanding of a topic.

## The history of medicine

| Lesson | Specification   | Guidance  | Learning activity  | Resources   |
|--------|-----------------|---|--|---|
| number | content         |   |  |   |
| 1      | Course overview | Students will learn all<br>main features of course<br>in one lesson overview.<br>The aim of this lesson<br>should be to compose a<br>visual display of all the<br>important features of<br>the rest of the course.<br>This activity allows the<br>students to look<br>through textbook,<br>research the whole<br>course to engage their<br>interest.<br>The complete timeline<br>serves as a reference<br>point and revision aid<br>as the course<br>progresses. It will<br>attract the interest of<br>future students as well. | Produce a classroom timeline.<br>Individual or pairs of students are given an<br>image of a suitable size for later display. They<br>should use the textbook or internet to locate<br>the subject of the image or text they have been<br>given and write a brief (50–75 words)<br>explanation of why it is important in the history<br>of medicine. This image and explanation will<br>be mounted at the appropriate point on the big<br>timeline either by the students or teacher.<br>Students can be involved in a summary<br>exercise in which they explain to the rest of the<br>class what their image is and why it's<br>important. | About 30 images or short text<br>contemporary sources selected from<br>the main textbook(s) or internet.<br>Wall space, marked out with timeline<br>over 1,000 years subdivided into four<br>parts – medieval, early modern, 19 <sup>th</sup><br>century and modern.<br>Some extra, possibly more complex<br>sources are needed, depending on<br>the mix of abilities in the class and the<br>speed with which they work. It is good<br>to have some images that are not for<br>the textbook that require internet<br>research. |

# Part one: Medicine stands still

#### Medieval medicine

| Lesson | Specification  | Guidance   | Learning activity  | Resources  |
|--------|--|--|--|--|
| number | content  |  |  |  |
| 2      | <ul> <li>natural</li> <li>supernatural</li> <li>ideas of<br/>Hippocratic<br/>and Galenic<br/>methods and<br/>treatments</li> <li>the medieval<br/>doctor,<br/>training,<br/>beliefs about<br/>cause of<br/>illness.</li> </ul> | <ul> <li>Students will learn<br/>about the world of<br/>medieval medicine. You<br/>should cover:</li> <li>training in<br/>universities of<br/>physicians</li> <li>the ideas and<br/>practices of<br/>medieval medicine<br/>(including some<br/>Greek and religious<br/>ideas)</li> <li>treatments used<br/>based on these<br/>ideas.</li> <li>It is a good opportunity<br/>to draw out from the<br/>students' work: ideas of<br/>Hippocrates and Galen,<br/>natural cures and<br/>supernatural aspects.</li> <li>Students should also<br/>be able to look at<br/>different aspects of the</li> </ul> | Show picture of medieval medical lecture to<br>the class. Read account of a lecture or<br>dissection demonstration in a university. Ask<br>students to think about (and remember) how<br>and what the trainee medieval doctors were<br>taught. Use a short questions and answers<br>session to establish: oral culture,<br>demonstration of ancient knowledge (which<br>was not questioned) and small number of<br>manuscript books etc.<br>Source exercise: students assemble the<br>elements of a medieval doctor's toolkit.<br>Students then apply toolkit to six sample<br>patients presenting symptoms. Possible<br>dramatic re-enactments (if time allows).<br>Assessment point: short test question on<br>lesson 2. | Image of medieval lecture – master in<br>high chair, demonstrator, prosector<br>etc.<br>Illustrated information sheets on<br>medieval treatments.<br>Patient sheets presenting symptoms. |

| number content   |  |
|--|--|
| Individual       Content         Theory of Four       Humours. For example, it was rational         (evidence-based) but       erroneous. Another         aspect would be that it       has merit in not being         based on superstition       but became an         orthodoxy that acted as       a straitjacket on |  |

## Medieval medicine and progress

| Lesson | Specification content  | Guidance   | Learning activity   | Resources  |
|--------|--|--|---|--|
| number |  |  |   |  |
| 3      | <ul> <li>the contribution<br/>of Christianity to<br/>medical progress<br/>and treatment</li> <li>hospitals.</li> </ul> | <ul> <li>Students should<br/>learn the following<br/>about Christianity<br/>and medicine:</li> <li>Christian<br/>contribution<br/>(emphasis on<br/>care not cure)</li> <li>beliefs, for<br/>example, prayer<br/>as the best<br/>treatment</li> <li>small hospitals.</li> </ul> | Students are given an image of a medieval<br>hospital and are asked to annotate their copy<br>with key features that they recognize. As a<br>class, summarise findings using a spider<br>diagram.<br>Give the class a hypnosis or essay style<br>question about the contribution of Christianity<br>to medicine in the medieval period. Ask the<br>students to write a short essay. Use two<br>examples of work as an opportunity to identify<br>creditworthy elements using a mark scheme.<br>Students will have the opportunity to suggest<br>improvement from reading. | Medieval and Renaissance<br>Medicine<br>Image of medieval hospital.  |
| 4      | The nature and<br>importance of<br>Islamic medicine<br>and surgery.  | <ul> <li>Students should<br/>learn about:</li> <li>achievements of<br/>Islamic medicine</li> <li>new discoveries<br/>made by Islamic<br/>doctors</li> <li>Islamic approach<br/>to medicine, for<br/>example, it was<br/>more evidence<br/>based</li> </ul>                     | Students produce a spider diagram on<br>achievements of Islam using a short film, such<br>as the 'Library of Secrets'.<br>Introduce the class to the idea of a similarity<br>and difference question by comparing Christian<br>and Islamic approaches to medicine.<br>Assessment point: short test question on<br>earlier lessons.<br>Discuss with students how they prepared for   | <u>1001 Inventions and The Library</u><br>of Secrets YouTube<br>or<br><u>1001 Inventions and the Library</u><br>of Secrets<br>Textbooks – research exercise. |

| Lesson<br>number | Specification content | Guidance  | Learning activity | Resources |
|------------------|-----------------------|---|-------------------|-----------|
|                  |                       | <ul> <li>the preservation<br/>of Greek<br/>knowledge</li> <li>the introduction<br/>of pharmacy<br/>measures.</li> </ul> | the short test.   |           |
|                  |                       | There is an<br>opportunity to stress<br>religion/belief as a<br>factor.   |                   |           |

#### **Medieval medicine**

| Lesson<br>number | Specification content                                  | Guidance  | Learning activity  | Resources   |
|------------------|--|---|--|---|
| 5                | Surgery in medieval<br>times, ideas and<br>techniques. | <ul> <li>Students should<br/>learn about:</li> <li>the treatment of<br/>wounds</li> <li>understand the<br/>view of pus</li> <li>Hugh and<br/>Theodoric of<br/>Lucca's ideas<br/>about surgery<br/>and the<br/>textbooks Lucca<br/>wrote to explain<br/>their theories.</li> </ul> | Students study and annotate images of<br>medieval surgery and produce a summary of<br>their findings.<br>Opportunity to discuss revision techniques for<br>use in next assessment point in lessons 6 and<br>7. | Sheet describing surgery,<br>comparing Islamic and Christian<br>treatments. |

## Public health in the Middle Ages

| Lesson  | Specification content  | Guidance  | Learning activity   | Resources   |
|---------|--|---|---|---|
| number  |  |   |   |   |
| 6 and 7 | Towns and<br>monasteries   | Students should<br>learn about the<br>quality of the public<br>health in two places<br>and consider issues<br>such as, towns' laws<br>not enforced etc.<br>Stress factors<br>involved, for<br>example: leadership,<br>wealth, knowledge.<br>There is an<br>opportunity to move<br>students from<br>description to<br>reasons why there<br>were differences<br>between places and<br>towns and<br>monasteries. | Present the class with an exam style statement<br>about medieval public health.<br>Distribute an account of either a town or<br>monastery to different groups. Groups discuss<br>the accounts, considering aspects such as,<br>conditions/hygiene in Middle Ages. Collate<br>conclusions as a class by drawing a table to<br>compare towns and monasteries/abbeys for<br>leadership, wealth, knowledge, etc.<br>Examine an illustration of a medieval town for<br>public health offences.<br>Assessment point: short test question on<br>earlier lessons. | Account of daily life (especially<br>public health) in medieval<br>monastery.<br>Account of daily life (especially<br>public health) in medieval town.<br>Image of medieval London. |
| 8       | The Black Death in<br>Britain, beliefs about<br>its causes, treatment<br>and prevention. | <ul> <li>Students should consider the following aspects:</li> <li>beliefs about the causes</li> <li>reasons for beliefs</li> <li>the scale of destruction</li> </ul>  | Present the class with an outline of the Black<br>Death.<br>Ask the class to identify questions about the<br>Black Death and then show them a film about<br>the Black Death. Students create a fact-file<br>using the film account of the Black Death.  | Black Death film.   |

| Lesson<br>number | Specification content | Guidance   | Learning activity | Resources |
|------------------|-----------------------|--|-------------------|-----------|
|                  |                       | <ul><li>treatments</li><li>the real cause.</li></ul> |                   |           |

#### **Review and assessment**

| Lesson<br>number | Specification content | Guidance   | Learning activity  | Resources                         |
|------------------|-----------------------|--|--|-----------------------------------|
| 9                |                       | This is an<br>opportunity to see<br>some big picture<br>understanding of<br>factors involved<br>such as war,<br>government,<br>religion. | Review: students produce a<br>timeline/chronology work, themes and<br>'periods'.<br>Students compose a timeline using small<br>illustrations provided allocated to two themes –<br>treatment of illness, and prevention of illness<br>for the period studied so far. | Sheet of illustrations (pre-cut). |
|                  |                       |  | Assessment point covering lesson content so far (it could include factors question about the role of religion).  |                                   |

# Part two: The beginnings of change

# The impact of the Renaissance on Britain

| Lesson<br>number | Specification content  | Guidance   | Learning activity   | Resources                                      |
|------------------|--|--|---|--|
| 10 and<br>11     | <ul> <li>challenge to<br/>medical authority<br/>in anatomy,<br/>physiology and<br/>surgery</li> <li>the work of<br/>Vesalius, Paré,<br/>William Harvey</li> <li>opposition to<br/>change.</li> </ul> | This lesson provides an<br>opportunity to look at<br>the work of Vesalius,<br>Paré and Harvey and to<br>consider the difference<br>they made. They can<br>be seen as<br>representatives of the<br>Renaissance –<br>students can evaluate<br>how much impact their<br>discoveries had on<br>British patients.<br>Stress the way that<br>their books brought<br>their knowledge to<br>Britain and doctors<br>from Britain and the<br>rest of Europe went to<br>universities in Italy and<br>France to learn. | <ul> <li>In six groups (two per pioneer), students produce a fact sheet based on the three parts:</li> <li>the situation before the discovery</li> <li>the discovery – methods, characteristics and challenges</li> <li>the impact and significance of the discovery.</li> <li>Each group takes their turn to present their findings.</li> <li>Opportunity to discuss revision techniques for use in next assessment point in lesson 12.</li> </ul> | The story of Galen in the Roman         period |

## Dealing with disease (1)

| Lesson<br>number | Specification content  | Guidance  | Learning activity   | Resources  |
|------------------|--|---|---|--|
| 12               | <ul> <li>traditional and<br/>new methods of<br/>treatment</li> <li>'quackery'</li> <li>methods of<br/>treating disease</li> <li>plague.</li> </ul> | This is an opportunity<br>to provide students with<br>an overview of<br>traditional and new<br>methods of treatment in<br>the early modern age.<br>It is also a chance to<br>study the Great Plague.<br>Students can develop<br>their ability to compare<br>two events or<br>developments, such as<br>the Great Plague with<br>the Black Death. This<br>will enable them to<br>evaluate how much<br>progress was made, for<br>example, Lord Mayor's<br>Rules. | <ul> <li>Provide an overview of traditional and new methods with reference to 'quackery'.</li> <li>Give students an overview of the Great Plague. Distribute images of the Great Plague to determine reaction and measures taken against it.</li> <li>Class discussion where students identify similarities and differences between the Great Plague and the Black Death.</li> <li>Assessment point: short test question on earlier lessons.</li> </ul> | Quack doctors and everyday<br>medicine:<br><u>When did science change</u><br><u>ordinary medicine?</u> Part 1<br><u>When did science change</u><br><u>ordinary medicine?</u> Part 2<br><u>Centers for Disease Control –</u><br><u>Plague</u> |

## Dealing with disease (2)

| Lesson<br>number | Specification content   | Guidance  | Learning activity  | Resources  |
|------------------|---|---|--|--|
| 13               | <ul> <li>the growth of<br/>hospitals</li> <li>changes to the<br/>training and<br/>status of<br/>surgeons and<br/>physicians.</li> </ul> | Students should learn<br>about the development<br>of hospitals in the late<br>18 <sup>th</sup> and 19 <sup>th</sup> century. It<br>is an opportunity to<br>identify change in the<br>concept of a hospital,<br>for example, changing<br>from care to treatment<br>and learning;<br>dispensaries and the<br>training of surgeons<br>and doctors. Students<br>can compare medieval<br>hospitals with late 18 <sup>th</sup><br>and early 19 <sup>th</sup> century<br>ones. | In groups, students produce a comparative<br>table analysing the similarities/differences<br>between the medieval hospital and late 18 <sup>th</sup><br>century hospital.<br>Students conduct a case study of the career<br>of the surgeon, John Hunter. Students<br>consider the question: what should he be<br>remembered for?<br>Study of the career of Florence Nightingale.<br>This allows students to study changes to<br>hospitals in the 19 <sup>th</sup> century and ask how<br>much credit Florence Nightingale deserved<br>for improving hospitals. | Textbook research<br>Warning: you are strongly<br>advised to preview to assess if<br>this is suitable for your students:<br><u>BBC Bitesize – John Hunter and</u><br><u>public engagement in science</u><br><u>The life and work of Florence</u><br><u>Nightingale</u> |

#### Prevention of disease

| Lesson | Specification content   | Guidance   | Learning activity   | Resources   |
|--------|---|--|---|---|
| 14     | <ul> <li>inoculation</li> <li>Edward Jenner</li> <li>vaccination and</li> </ul> | Students should learn<br>about the work of<br>Edward Jenner. They  | Discuss with the class the nature of smallpox and its effects.  | <u>The life and work of Edward</u><br><u>Jenner</u> |
|        | opposition to<br>change.  | should consider how he<br>came to his discovery<br>and his understanding<br>of how his discovery<br>worked. This is an<br>opportunity to establish<br>difference between<br>vaccination versus<br>inoculation. Students<br>should also learn about<br>the reasons for<br>opposition. | Students research Jenner and his work and<br>produce an account of discovery.<br>Use Jenner as an example to explain the<br>concept of significance to the class. | Small pox images and cartoons.                      |

# Part three: A revolution in medicine

## The development of Germ Theory

| Lesson<br>number | Specification content   | Guidance   | Learning activity  | Resources   |
|------------------|---|--|--|---|
| 15               | Its impact on the<br>treatment of disease<br>in Britain: the<br>importance of<br>Pasteur.   | This is an opportunity<br>for students to<br>consider:<br>How and why was the<br>discovery made?<br>How was it proven?<br>What effects did the<br>discovery have on<br>surgery and public<br>health?<br>Note: the spread of<br>Germ Theory is well<br>illustrated in the story of<br>Lister and antiseptics. | Students research Pasteur's methods,<br>and complete chart of factors involved,<br>for example, the role of individual,<br>science, nationalism etc.   | Textbooks' research exercise.   |
| 16 and<br>17     | <ul> <li>Robert Koch and<br/>microbe hunting</li> <li>Pasteur and<br/>vaccination</li> <li>Paul Ehrlich and<br/>magic bullets</li> <li>everyday<br/>medical<br/>treatments and<br/>remedies.</li> </ul> | <ul> <li>Students should learn<br/>about:</li> <li>Koch's contribution <ul> <li>discovering tools<br/>for microbe hunters<br/>and identifying TB</li> </ul> </li> <li>Paul Ehrlich's work</li> <li>Pasteur's<br/>discoveries in<br/>1880s</li> <li>other microbe<br/>hunters whose</li> </ul>                | Students complete spider diagram of<br>Koch's methods.<br>Students compare and evaluate Koch<br>and Pasteur. They can discuss/review a<br>question comparing the two scientists<br>and the role of the individual. There is an<br>opportunity here to discuss revision and<br>exam techniques if students produce a<br>written essay.<br>Students analyse a range of adverts<br>which show everyday medical treatments | Research from posters/images –<br>the different techniques Koch<br>developed.<br>or<br>Koch TB cartoon could be<br>examined for a 'usefulness<br>question'. |

| Lesson<br>number | Specification content | Guidance  | Learning activity   | Resources  |
|------------------|-----------------------|---|---|--|
|                  |                       | discoveries sprang from work of Koch.   | and remedies. They can evaluate if these treatments changed in light of the discoveries made by Pasteur, Koch and |  |
|                  |                       | Students need to<br>consider how the<br>treatments available to<br>and used by ordinary<br>people in Britain<br>changed or remained<br>the same in the light of<br>the discoveries of<br>Pasteur. | Ehrlich.<br>Assessment point: short test question on<br>earlier lessons – (Jenner).                               | Adverts from the time which show<br>the range of everyday medical<br>treatments and remedies |

## A revolution in surgery

| Lesson | Specification  | Guidance   | Learning activity  | Resources  |
|--------|--|--|--|--|
| number | content  |  |  |  |
| 18     | Anaesthetics,<br>including<br>Simpson and<br>chloroform. | <ul> <li>Students should learn<br/>about:</li> <li>the types of chemical<br/>used</li> <li>how they were tested<br/>and developed</li> <li>why there was<br/>opposition to progress</li> <li>how was opposition<br/>overcome</li> <li>consequences, for<br/>example, freedom from<br/>pain, opportunity to do<br/>more complex surgery<br/>and mortality rates.</li> <li>Focus on the work of<br/>Simpson and chloroform,<br/>noting the reasons for<br/>acceptance of chloroform<br/>in childbirth in Britain.</li> </ul> | Students watch a short film about<br>Simpson and chloroform and<br>complete a worksheet on<br>anaesthetics (for example,<br>chloroform).<br>Students suggest reasons for<br>opposition and then research how<br>opposition was overcome.<br>Students produce a spider diagram<br>which identifies the short- and long-<br>term consequences of Simpson's<br>work.<br>Revision exercises. For example,<br>compare and contrast 19 <sup>th</sup> century<br>anaesthetics with medieval<br>surgery. | Surgery in the 19 <sup>th</sup> century  |
| 19     | Antiseptics<br>including Lister<br>and carbolic acid.    | Students should learn<br>about Lister's<br>development of carbolic<br>acid in 1860s and<br>opposition to use it. This is<br>an opportunity to explain<br>the process to the class.   | Students complete a cartoon<br>exercise to summarise Lister's<br>discovery and development of<br>antiseptic method.<br>Revision exercises. For example,<br>compare and contrast different<br>practices in surgery from different   | Film on Lister and antiseptics.<br>Please preview if this is suitable for your<br>students: <u>Royal childbirth – why could</u><br><u>having a baby be dangerous?</u><br>Worksheet on antiseptics, for example,<br>carbolic. |

| Lesson<br>number | Specification content   | Guidance  | Learning activity   | Resources       |
|------------------|---|---|---|-----------------|
|                  |   | You can refer briefly to<br>earlier work of<br>Semmelweiss.   | ages.   |                 |
| 20               | <ul> <li>surgical<br/>procedures</li> <li>aseptic<br/>surgery.</li> </ul> | Students will learn about<br>developments in surgical<br>procedures such as<br>transfusions, but will also<br>consider the fact blood<br>groups were not<br>discovered until 20 <sup>th</sup><br>century.<br>Lesson 20 will absorb<br>extra material from<br>lessons 18 and 19.<br>Opportunity to discuss any<br>outstanding problems for<br>surgeons, for example:<br>blood loss surgical shock,<br>tissue typing /rejection | Review of 19 <sup>th</sup> century<br>developments.<br>Assessment point: short test<br>question on earlier lessons. | Timeline sheet. |

## Improvements in public health

| Lesson<br>number | Specification content  | Guidance  | Learning activity   | Resources   |
|------------------|--|---|---|---|
| 21               | <ul> <li>public health<br/>problems in<br/>industrial Britain</li> <li>cholera<br/>epidemics.</li> </ul> | Establish the impact on<br>towns of Industrial<br>Revolution. Use<br>cholera as an example<br>of an epidemic as an<br>agent of change,<br>theories at the time.<br>Include an explanation<br>of miasma; theories of<br>spread including<br>Snow's and theories of<br>creation of disease. | Establish with the class an<br>understanding of conditions in towns<br>using a 'Layers of inference exercise':<br>students first describe, then infer, then<br>ask further questions of the source<br>and assess whether it is<br>representative of conditions at the<br>time.<br>Discuss reasons for conditions.<br>Prompt a comparison with medieval<br>period, for example, conditions and<br>reasons.<br>Students analyse cartoons and other<br>sources from time and evaluate how<br>useful they are for understanding<br>public health in Britain during the 19 <sup>th</sup><br>century. | For example, Court of King Cholera<br>cartoon or another cartoon from the<br>time.<br><u>Government and public health from</u><br><u>1830 to 1850</u><br><u>Manchester cholera epidemic of 1832</u><br>Part 1<br><u>Manchester cholera epidemic of 1832</u><br>Part 2 |
| 22 and<br>23     | Public health<br>improvement,<br>including the 1848<br>and 1875 Public<br>Health Acts.                   | Students should learn<br>about the changes in<br>public health and the<br>reasons behind the<br>change. Consider<br>establishing with the<br>class what the changes<br>were first and then<br>reasons for those<br>changes.   | Students record details of Public<br>Health Acts, 1848 and 1875, and the<br>Great Stink, 1858.  | Discovering the work of Joseph<br>Bazalgette<br>Worksheet including timeline.<br>Textbooks' research exercise.<br>A references work sheet will direct<br>student research to textbooks, and<br>relevant internet sites.   |

| Lesson | Specification content  | Guidance   | Learning activity   | Resources   |
|--------|--|--|---|---|
| 24     | <ul> <li>the role of public<br/>health reformers</li> <li>local and<br/>national<br/>government<br/>involvement in<br/>public health.</li> </ul> | Details of Public Health<br>Acts – establish what<br>each act did and<br>difference between<br>them. Remember to<br>note the impact of the<br>'Great Stink, 1858' and<br>Bazalgette's work<br>(technology).<br>Students should learn<br>about the reasons for<br>change:<br>• epidemics<br>• germ theory<br>• extension of<br>Franchise<br>• technology<br>• individuals such as<br>Farr, Snow,<br>Chadwick and<br>Bazalgette<br>• recognition of<br>factors (such as<br>government,<br>individuals, science<br>and technology,<br>death toll, epidemic<br>disease etc).<br>Students should<br>understand the concept<br>of 'laissez-faire'. | <ul> <li>Students complete a 'market place<br/>exercise' on factors for change in 19<sup>th</sup><br/>century:</li> <li>1. Students are divided into groups.</li> <li>2. Each group sets up a market stall<br/>offering information about their<br/>allocated factor.</li> <li>3. The groups take in turns to visit the<br/>stalls to gather information.</li> <li>Opportunity to use exam style<br/>questions in class. Students could<br/>discuss/assess significance or use a<br/>comparative question on two of the<br/>three events – Acts or Stink.</li> <li>Alternatively, students could compare<br/>individuals, for example Snow,<br/>Chadwick, Pasteur, Bazalgette,<br/>William Farr.</li> <li>Brief reminder of revision<br/>methods/methods in light of<br/>forthcoming review and assessment in<br/>lesson 24.</li> </ul> | Health and housing in the 19 <sup>th</sup> century<br>A references work sheet will direct<br>student research to textbooks, and<br>relevant internet sites. |

#### **Review and assessment**

| Lesson Specification content Guidance Learning activity  | Resources                              |
|--|--|
| number   |  |
| <ul> <li>Role of individual as a factor needs explanation to students, for example unique qualities and contribution.</li> <li>Review of Part three. Students complete a timelin focusing on concepts of factors and progress.</li> <li>Students complete a table gathering information about the impact of the following factors: <ul> <li>science and technology</li> <li>religion</li> <li>war</li> <li>government</li> <li>the role of individuals.</li> </ul> </li> <li>Class discussion about nature/impact of each factor. This can be a preparation for the essay question at the end of the lesson.</li> <li>Assessment point covering lesson content so far For example, a factors question about influence</li> </ul> | e, Partially completed timeline sheet. |

# Part four: Modern medicine

#### Modern treatment of disease

| Lesson<br>number | Specification content  | Guidance  | Learning activity   | Resources  |
|------------------|--|---|---|--|
| 26               | <ul> <li>the development<br/>of the<br/>pharmaceutical<br/>industry</li> <li>penicillin, its<br/>discovery by<br/>Fleming and its<br/>development</li> <li>new diseases and<br/>treatments</li> <li>antibiotic<br/>resistance</li> <li>alternative<br/>medicine and<br/>treatments.</li> </ul> | Provide a case study of drug<br>development. It will be an<br>opportunity to assess factors at<br>work, such as:<br>• the role of individuals<br>• team work<br>• industry<br>• government.<br>Students should also consider<br>the influence of broader<br>factors:<br>• science and technology<br>• communication<br>• religion<br>• war<br>• government<br>• the role of individuals.<br>Students should learn about<br>modern problems, such as:<br>• drug development and<br>safety (eg Thalidomide)<br>• resistance<br>• research and development<br>costs and profits. | Students watch a film about<br>the discovery of penicillin, its<br>development and mass<br>production and complete a<br>worksheet.<br>Team test/quiz to check facts<br>at end.<br>Card sort exercise to establish<br>influence of factors in the film.<br>Students analyse newspaper<br>accounts of modern issues in<br>medicine and discuss their<br>findings in groups. | <ul> <li>Resources such as:</li> <li>work sheet organiser for film</li> <li>points test/quiz to check facts</li> <li>card sort.</li> </ul> Newspaper accounts of modern issues in medicine and alternative treatments. |

| Lesson | Specification content  | Guidance  | Learning activity   | Resources   |
|--------|--|---|---|---|
| 27     | <ul> <li>plastic surgery</li> <li>blood<br/>transfusions</li> <li>X-rays</li> <li>transplant<br/>surgery</li> <li>modern surgical<br/>methods,<br/>including lasers,<br/>radiation therapy<br/>and keyhole<br/>surgery.</li> </ul> | Students should learn<br>about the impact of war<br>and technology on<br>different aspects of<br>surgery. You should<br>explain that the<br>discovery of blood<br>groups enabled<br>successful<br>transfusions.<br>Students should<br>consider the factors<br>affecting modern<br>techniques, such as:<br>• war<br>• individuals<br>• physics<br>• chemistry<br>• biology<br>• rejection<br>• cosmetic surgery. | Provide an overview of the impact of war<br>and technology on surgery.<br>Students complete an analysis of a heart<br>transplant description.<br>Students match descriptions with surgical<br>problems.<br>Assessment point: short test question on<br>earlier lessons. | Did the First World War<br>improve surgery?         Challenges to the use of<br>surgery as a cure         Surgery of the future         NHSBT, Give Blood –Donating<br>Blood Saves Lives         Give Blood – Latest Stocks<br>and Statistics |

# The impact of war and technology on surgery

## Modern public health

| Lesson<br>number | Specification content  | Guidance   | Learning activity  | Resources  |
|------------------|--|--|--|--|
| 28               | <ul> <li>the importance<br/>of Booth,<br/>Rowntree, and<br/>the Boer War</li> <li>the Liberal social<br/>reforms</li> <li>the impact of two<br/>world wars on<br/>public health,<br/>poverty and<br/>housing.</li> </ul>                             | <ul> <li>Students should consider:</li> <li>Why did the Liberals bring in reforms?</li> <li>How effective were the reforms?</li> <li>Explain the factors involved in bringing about changes in public health, such as the importance of individuals etc.</li> </ul>                          | Give the class statements about the<br>reforms. Ask the students to infer from<br>the statements reasons for reforms.<br>Students then research the reasons for<br>reforms and how effective reforms were.<br>Students can use textbooks and<br>contemporary sources. Using their<br>research, students produce a spider<br>diagram.<br>Students identify factors involved in<br>bringing out reform and present an<br>explanation as to which factor was most<br>important. | A range of statements about<br>reform and possible motives<br>for reform. These statements<br>could be from contemporary<br>sources produced at the time.<br>Textbook's research exercise. |
| 29               | <ul> <li>the Beveridge<br/>Report and the<br/>Welfare State</li> <li>creation and<br/>development of<br/>the National<br/>Health Service</li> <li>costs, choices<br/>and the issues of<br/>healthcare in the<br/>21<sup>st</sup> century.</li> </ul> | <ul> <li>Students should<br/>understand:</li> <li>what the Beveridge<br/>Report was</li> <li>how the report is<br/>connected to the<br/>Welfare State</li> <li>the principles<br/>governing the<br/>Welfare State</li> <li>why the NHS was<br/>created</li> <li>why these changes</li> </ul> | Students watch a short film about the<br>creation of the Welfare State and NHS<br>and identify: key features, reasons for<br>creation and opposition.<br>Students compare Liberal Social<br>Reforms and NHS and evaluate which<br>was more important by producing a<br>PowerPoint presentation of six slides to<br>show measure and impact.<br>Class debate on ethics, costs and<br>choices in future.   | Beginnings of the NHS<br>The rise of hospitals and the<br>NHS in 1948<br>Worksheet on NHS<br>Work sheet on modern<br>dilemmas.   |

| Lesson<br>number | Specification content | Guidance   | Learning activity | Resources |
|------------------|-----------------------|--|-------------------|-----------|
|                  |                       | <ul> <li>faced opposition</li> <li>what challenges do<br/>we face in the 21<sup>st</sup><br/>century? (ie cost<br/>and effectiveness)</li> </ul> |                   |           |

#### **Review and assessment**

| Lesson | Specification content | Guidance | Learning activity  | Resources                           |
|--------|-----------------------|----------|--|-------------------------------------|
| number |                       |          |  |                                     |
| 30     |                       |          | Complete timeline from notes. This<br>timeline helps students to focus and<br>prepare for main assessment. | Partially completed timeline sheet. |
|        |                       |          | the people' in 50 minutes under exam   |                                     |
|        |                       |          | conditions.  |                                     |