

Understand  
Summarise  
Memorise



Readiness for Your Exam...

# Y8 End of Year Exam

Subject: **Mathematics**

End of year  
exam?

Yes

Progress Check

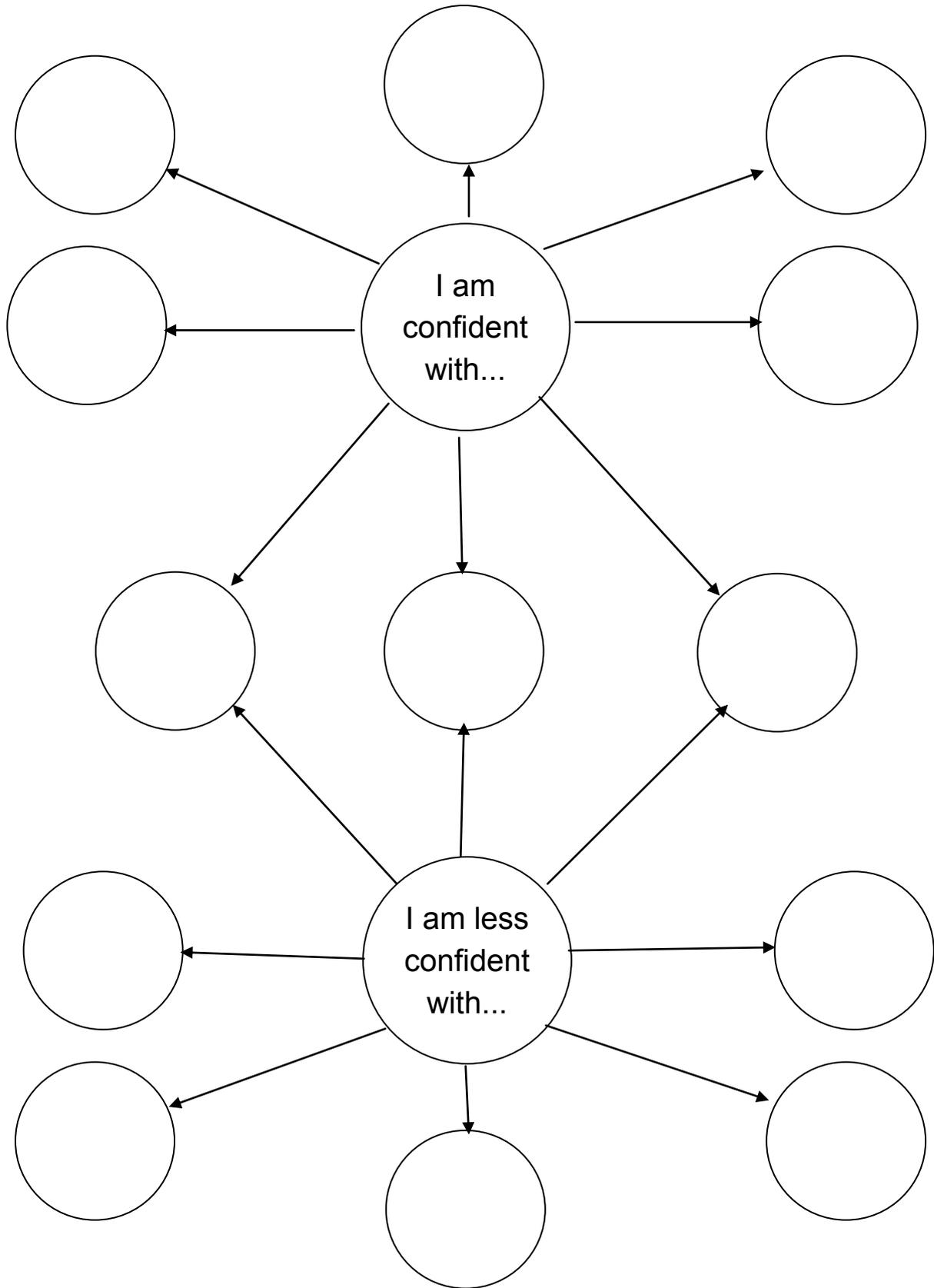
## Subject Overall Test

Title of Unit/Topic	Content
<b>Number</b>	Written methods for the 4 operations; Fractions; Percentages; Decimals; Ratio and Proportion; Indices (Surds for extension); Problem solving.
<b>Algebra</b>	Simplifying and manipulation; Equations; Graphs and Coordinates; Sequences; Formulae; Proof.
<b>Geometry</b>	Transformations; Area, Perimeter and Volume; Properties of shape; Angles; Units and measures; Construction and Loci.
<b>Statistics</b>	Sampling; Averages and spread; Representing data.
<b>Reasoning and Problem Solving</b>	Applications and real life problems involving the above.

## How to Revise...

- **www.mymaths.co.uk** - ushs and bracket are the username and password respectively. SAM learning. These are just a few of the website available. Revision guides can be purchased from any good book retailers.
- Pick one or two topics at a time, make notes, try questions using the notes and then complete questions independently.
- Repeating a topic for short sessions 3 or 4 times can aid retention.
- **Understand the following keywords** and how they are used in context

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **English**

End of year  
exam?

Yes

Progress Check

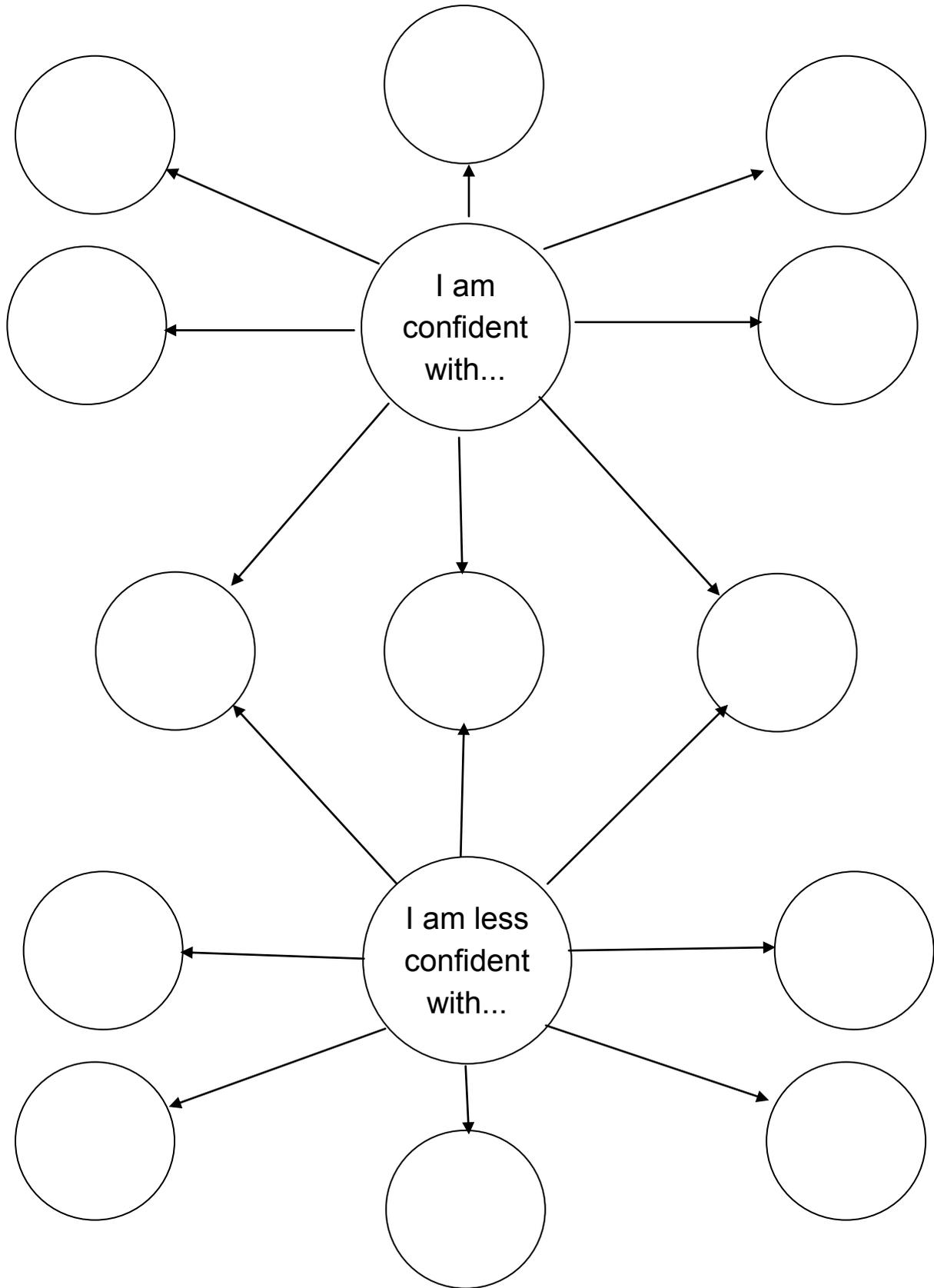
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Descriptive writing</b>	<p>Students will be asked to complete <b>one</b> descriptive writing task from a choice of two, one of which will have an image attached to use as a stimulus for ideas.</p> <p>The exam will be <b>one hour</b>.</p> <p>The students will have to think carefully about:</p> <ul style="list-style-type: none"><li>• Using well-ordered <b>paragraphs</b></li><li>• Using carefully chosen <b>connectives</b></li><li>• Exciting and ambitious <b>vocabulary</b></li><li>• Using <b>Language techniques</b> to create effects</li><li>• Keeping the reader engaged</li><li>• Having accurate <b>punctuation</b></li><li>• Using a range of <b>sentence types</b></li><li>• <b>Spelling</b> accurately</li></ul>

## How to Revise...

- **Work hard in your lessons in the weeks before the exams as teachers will be revising the skills you need to use in the exam.**
- **Act upon feedback given to you and make corrections in your writing so you know where your strengths and challenges are in writing. Look back in your exercise book to help you.**
- **Use CGP Key Stage 3 grammar and literacy workbooks to help you practise literacy skills -available in bookshops and online.**
- **Look at the BBC Bitesize website to remind you of grammar rules.**
- **Practise planning an answer.**
- **Practise proof reading.**

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Science**

End of year  
exam?

Yes

Progress Check

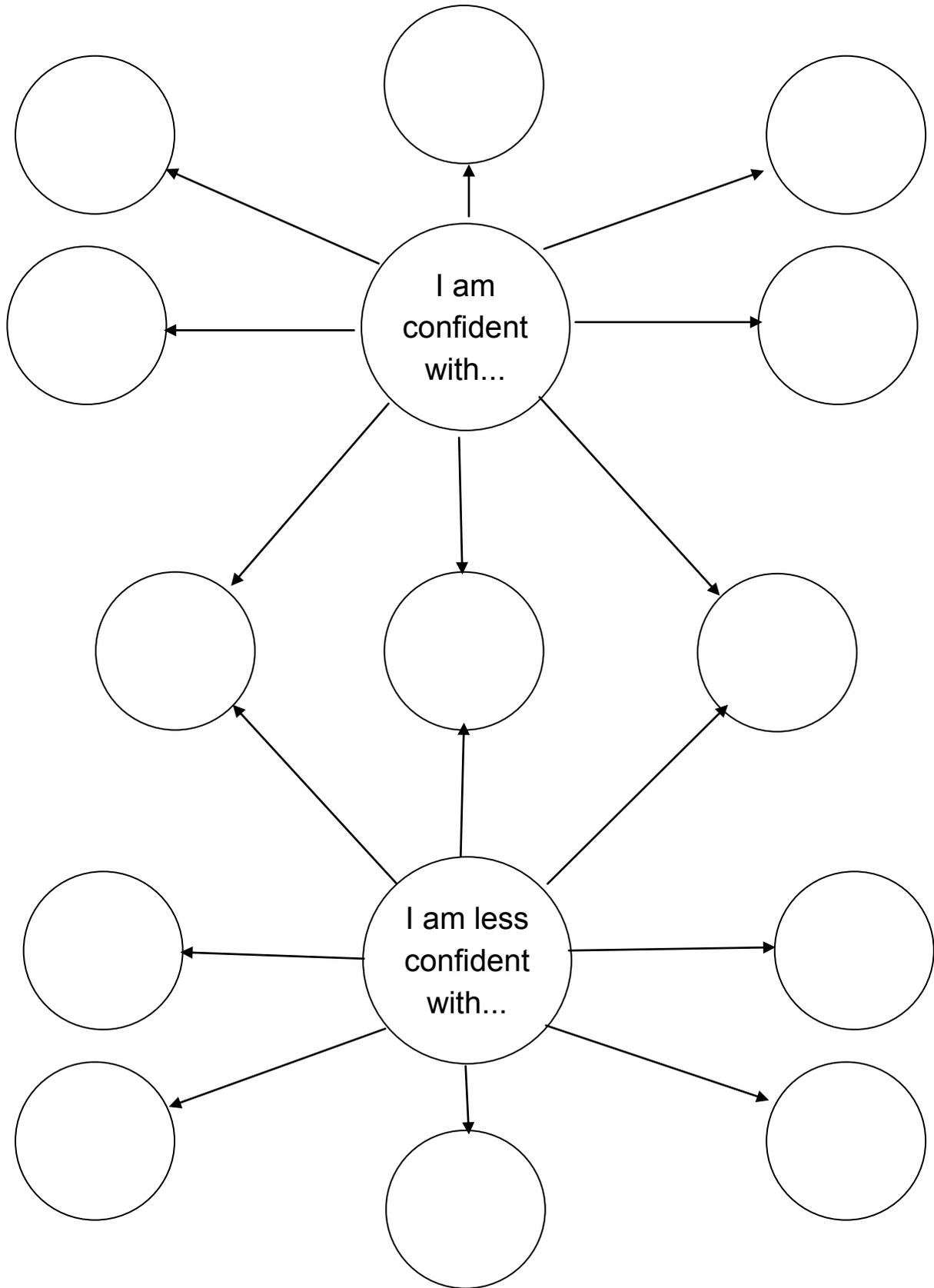
## Subject content covered 2014-16

Title of Unit/Topic	Content
<b>Materials</b>	Particle theory; Changing state; Mixtures; Solubility; Chromatography; Saturated solutions
<b>Energy</b>	Kinetic; Thermal; Chemical; Gravitational potential Energy. Generating electricity; Fossil fuels; energy efficiency; Sankey diagrams; Measuring energy in foods.
<b>Heating and cooling</b>	Conduction; Convection; Radiation; Properties of surfaces and radiation.
<b>Forces</b>	Balanced and unbalanced forces; Weight and mass; Friction; Air resistance and terminal velocity; Upthrust and density; Pressure; Moments; Pendulums.
<b>Cells</b>	MRS GREN; Using a microscope; Animal and plant cells organelles; Specialised cells; Tissues, organs and systems.
<b>Growing up</b>	Plant reproduction; Germination; Photosynthesis; Human reproduction systems; Fertilisation; Pregnancy; Gestation; Puberty.

## How to Revise...

- Use the revision guide and workbook to practise questions
- Use SAM Learning– KS3– Science
- Use BBC Bitesize
- Watch video clips on Youtube-type in KS3 science revision

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Science**

End of year  
exam?

Yes

Progress Check

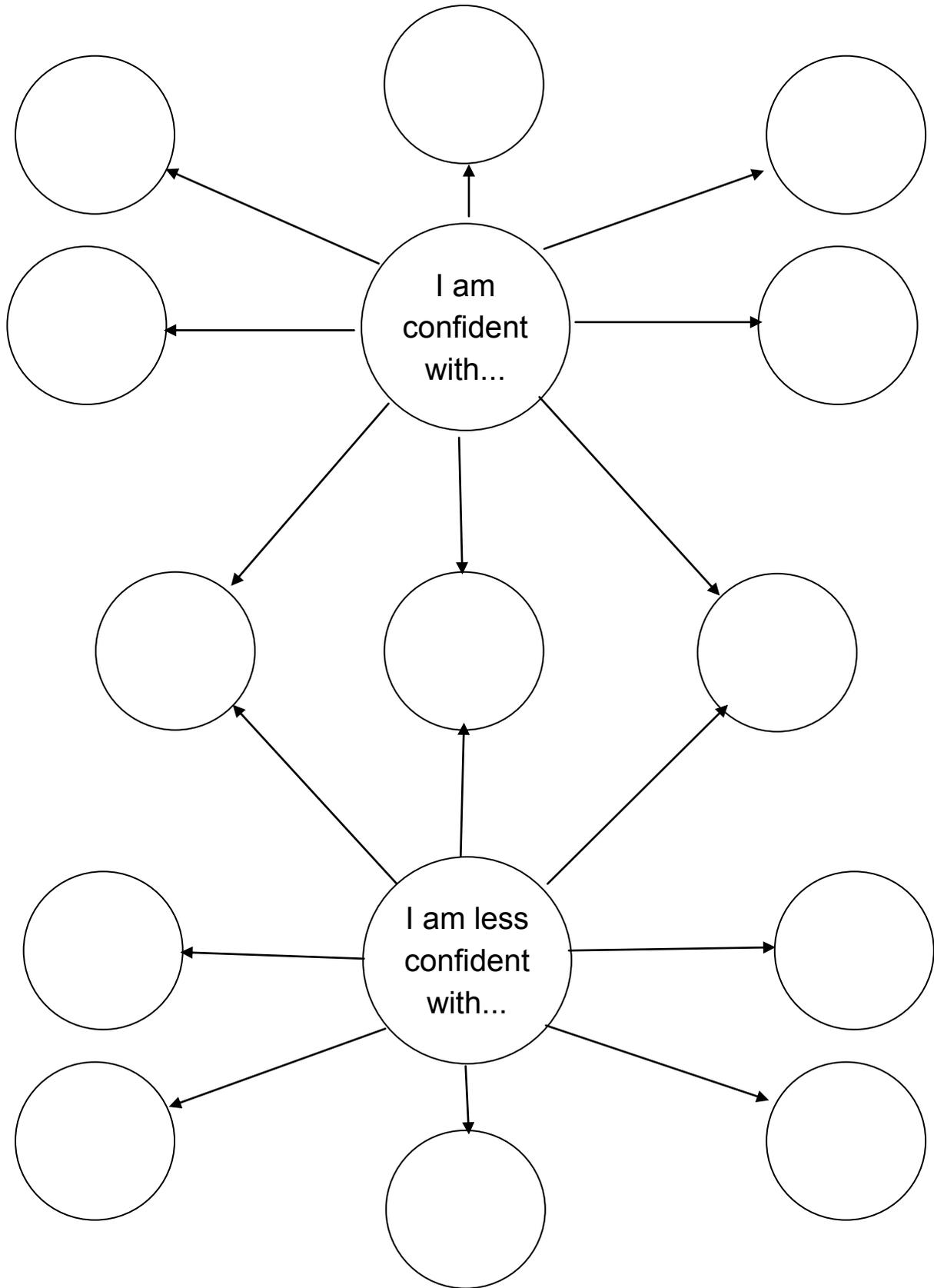
## Subject content covered 2014-16

Title of Unit/Topic	Content
<b>Light and Sound</b>	Light and shade; How light travels; Reflection; Bending light; Sound waves; How sound travels; Pitch; Amplitude; Frequency.
<b>Variation</b>	Types of variation; Environmental and inherited variation; Classification
<b>Systems in the body</b>	Metabolism; Respiratory system; Circulatory system; Aerobic and anaerobic respiration; Digestive system; Enzymes; Skeletal and muscular systems; Nervous system; Smoking,
<b>Keeping healthy</b>	Diet and exercise; Food groups; Microorganisms; Culturing Microorganisms; Fighting infection; Vaccination; Drugs
<b>Electricity and magnetism</b>	Static electricity; Circuits; Current; Voltage; Power stations; Renewable and non renewable energy; Making and stopping Magnets; Electromagnets
<b>Chemical reactions</b>	Reversible and irreversible reactions; Reactivity series; Displacement reactions; Extracting metals; Combustion; Rusting; Conservation of mass; Making salts

## How to Revise...

- Use the revision guide and workbook to practise questions
- Use SAM Learning– KS3– Science
- Use BBC Bitesize
- Watch video clips on Youtube-type in KS3 science revision

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Food preparation and nutrition**

End of year  
exam?

No

Progress Check

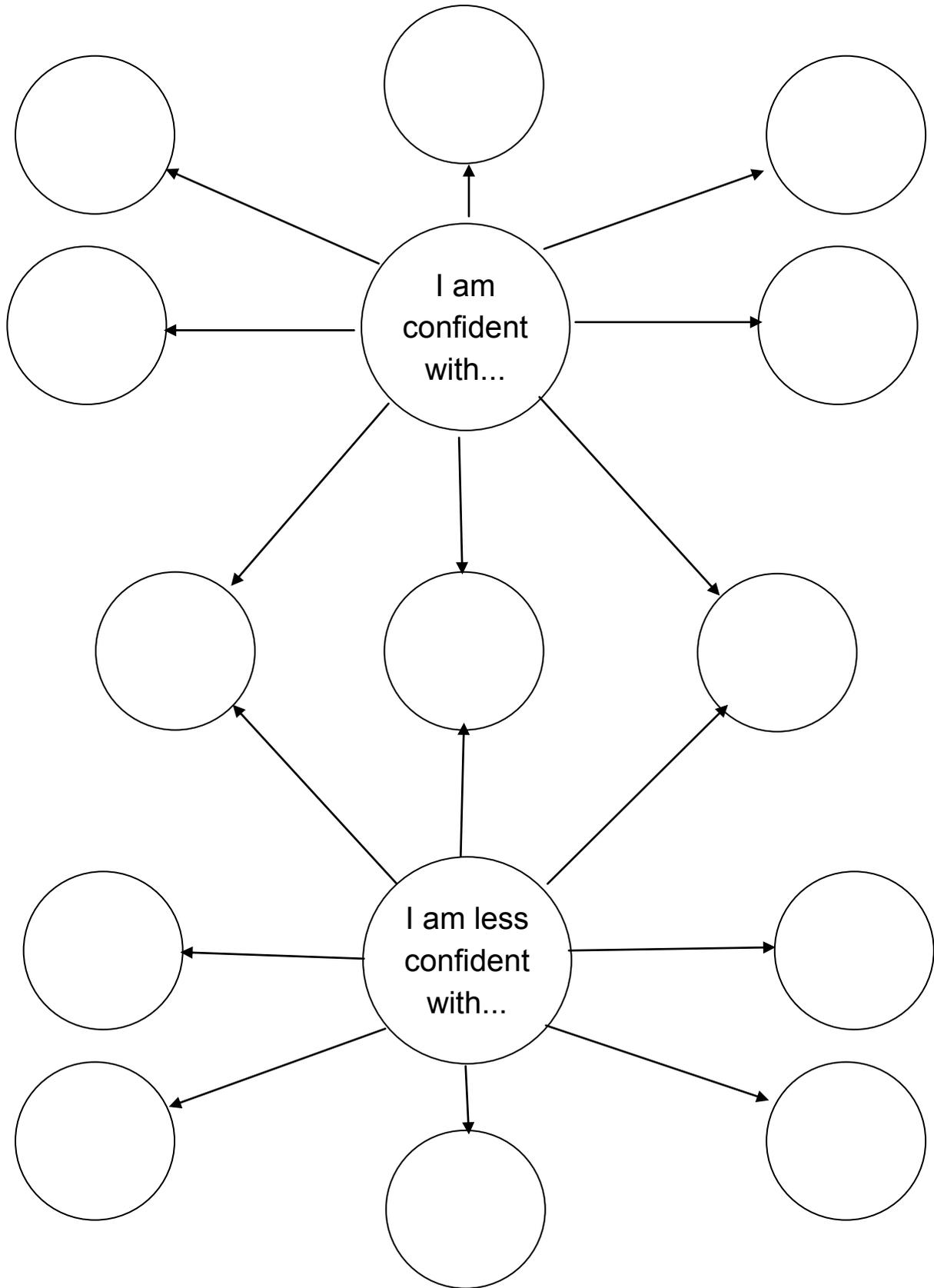
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Food preparation and Nutrition</b>	<ul style="list-style-type: none"><li>• KS3 SOW is working toward;<ul style="list-style-type: none"><li>• Food preparation and cooking skills, such as knife skills, control of basic equipment (grater, peeler, kettle, can opener, sieve, whisk, etc.), control of oven, hob, grill, use of refrigeration)</li><li>• How to work safely.</li><li>• Food hygiene (including how to wash up, dry and store equipment).</li><li>• Key nutritional principles, including the Eatwell Plate, the importance of macronutrients (protein, fats, carbohydrates), micronutrients (vitamin and minerals), dietary fibre, water –all at a basic level. An awareness of dietary needs, e.g. at different life stages, vegetarians, allergies and religious considerations, etc., and how dishes and meals can be planned to meet the needs of specific dietary groups.</li><li>• Knowledge and understanding of ingredients and food provenance.</li><li>• A growing awareness of social, moral, cultural and environmental issues.</li><li>• An ability to adapt and follow recipes using suitable ingredients and tools in order to prepare and cook a range of dishes.</li><li>• Sensory testing and evaluation.</li><li>• Time management skills, including basic dovetailing when conducting practical tasks.</li></ul></li></ul>

## How to Revise...

- Remake recipes and skills that you found challenging (or that you enjoyed)
- Read through booklet and fill in gaps in knowledge
- Cook with family and learn from them
- Watch cookery and nutrition programs on the television to expand knowledge and ideas
- Ask your teacher for a new recipe or share you home bakes with the department

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Drama**

End of year  
exam?

No

Progress Check

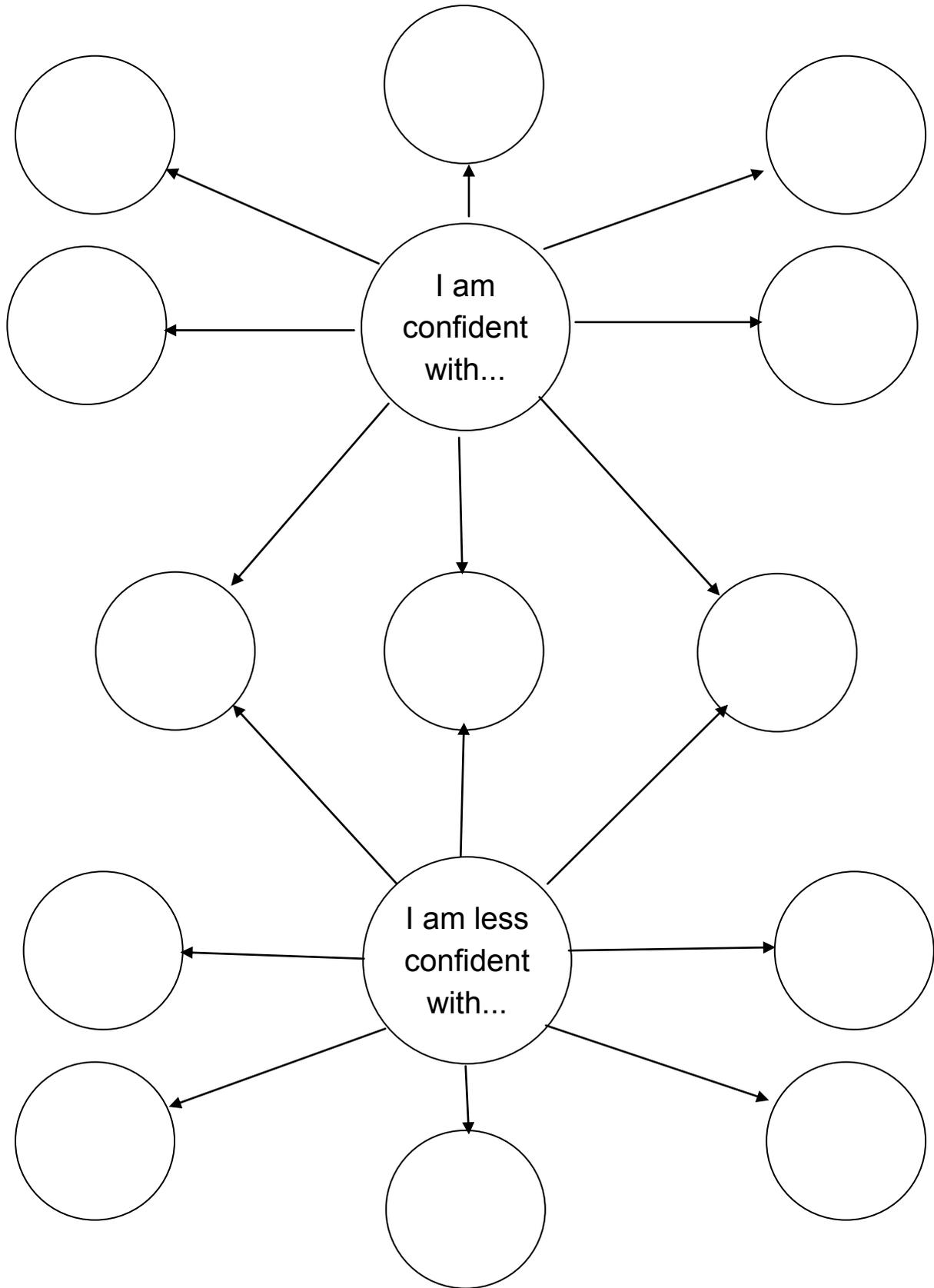
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Stabbing at the Disco</b>	<ul style="list-style-type: none"> <li>• Improvisation</li> <li>• Key Drama Techniques</li> <li>• Teacher in Role</li> <li>• Empathy</li> <li>• Monologues</li> <li>• Believable Characters</li> <li>• Tension building</li> <li>• Soundscape</li> <li>• Non-naturalistic Techniques</li> <li>• Proxemics</li> </ul>
<b>Status</b>	<ul style="list-style-type: none"> <li>• Levels</li> <li>• Script Work</li> <li>• Characterisation</li> <li>• More Advanced Drama Techniques</li> <li>• Performance structure</li> </ul>
<b>Melodrama</b>	<ul style="list-style-type: none"> <li>• Style</li> <li>• Stock Characters</li> <li>• Exaggerated Characterisation</li> <li>• Stage Fighting</li> <li>• Narration</li> <li>• Mime, Movement and Gesture</li> </ul>
<b>The White Room</b>	<ul style="list-style-type: none"> <li>• Creating Atmosphere, Tension and Suspense</li> <li>• Physical Theatre</li> <li>• Plot Structure</li> <li>• Performance Timing</li> <li>• Character motivation and context</li> <li>• Working interdependently</li> </ul>
<b>Stimulus</b>	<ul style="list-style-type: none"> <li>• Responding to different forms of stimuli creatively</li> <li>• Independently implement drama techniques</li> </ul>

## How to Revise...

- Meet with your group outside of lesson time to plan and rehearse.
- Study your drama booklets for drama technique descriptions and be prepared to use them effectively in lessons.
- Write performance evaluations using key words.
- Use the space provided in your drama booklets to write any necessary notes when rehearsing and devising.
- Always include drama techniques into your work.
- Have a clear understanding and backstory for every character that you create.
- Always ask the classroom teacher for help, support and guidance with revision and additional tasks.

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Design and Technology**

End of year  
exam?

Yes

Progress Check

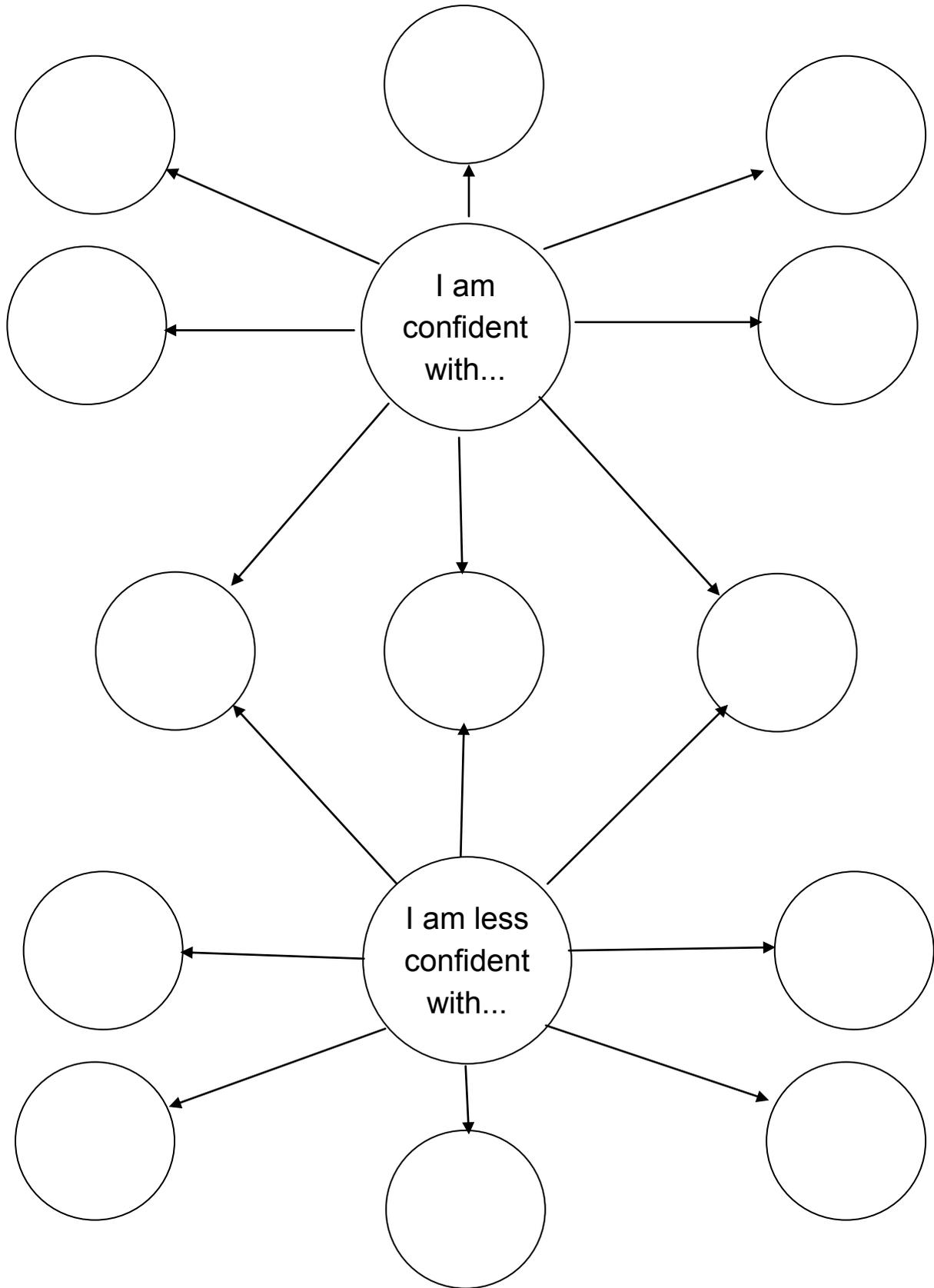
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Mechanical Animals</b>	Precision and Accuracy Cam and follower mechanism Crank mechanism Motions: linear; rotary; oscillating; reciprocating
<b>Jumping Superhero</b>	Analysing the design context Writing a specification Gathering research Developing a solution to a problem; modelling Computer Aided Design Computer Aided Manufacture
<b>Wooden Game</b>	Workshop safety Marking out wood precisely and accurately Cutting straight and curved lines Shaping and finishing wood Safe and precise use of the pillar drill

## How to Revise...

- [www.technologystudent.com](http://www.technologystudent.com) - *Graphics*; Oblique projection
- [www.technologystudent.com](http://www.technologystudent.com) - *Mechanisms*; introduction section
- **Oblique** drawing worksheets
- **Understand the following keywords** and how to use them: Design context; Design Brief; Analysis; Specification; Oblique; Colour toning; Net; Evaluation
- **Learn the name and use of following tools:** Try square; Rule; Vice; Bench hook; Tenon saw; Coping saw; File; Glass paper; PVA glue; Pillar drill; Drill bit; Chuck key
- Learn what the **Head to Toe Rule** is and what the ten **general workshop safety rules** are

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Geography**

End of year  
exam?

No

Progress Check

## Subject content covered 2015-16

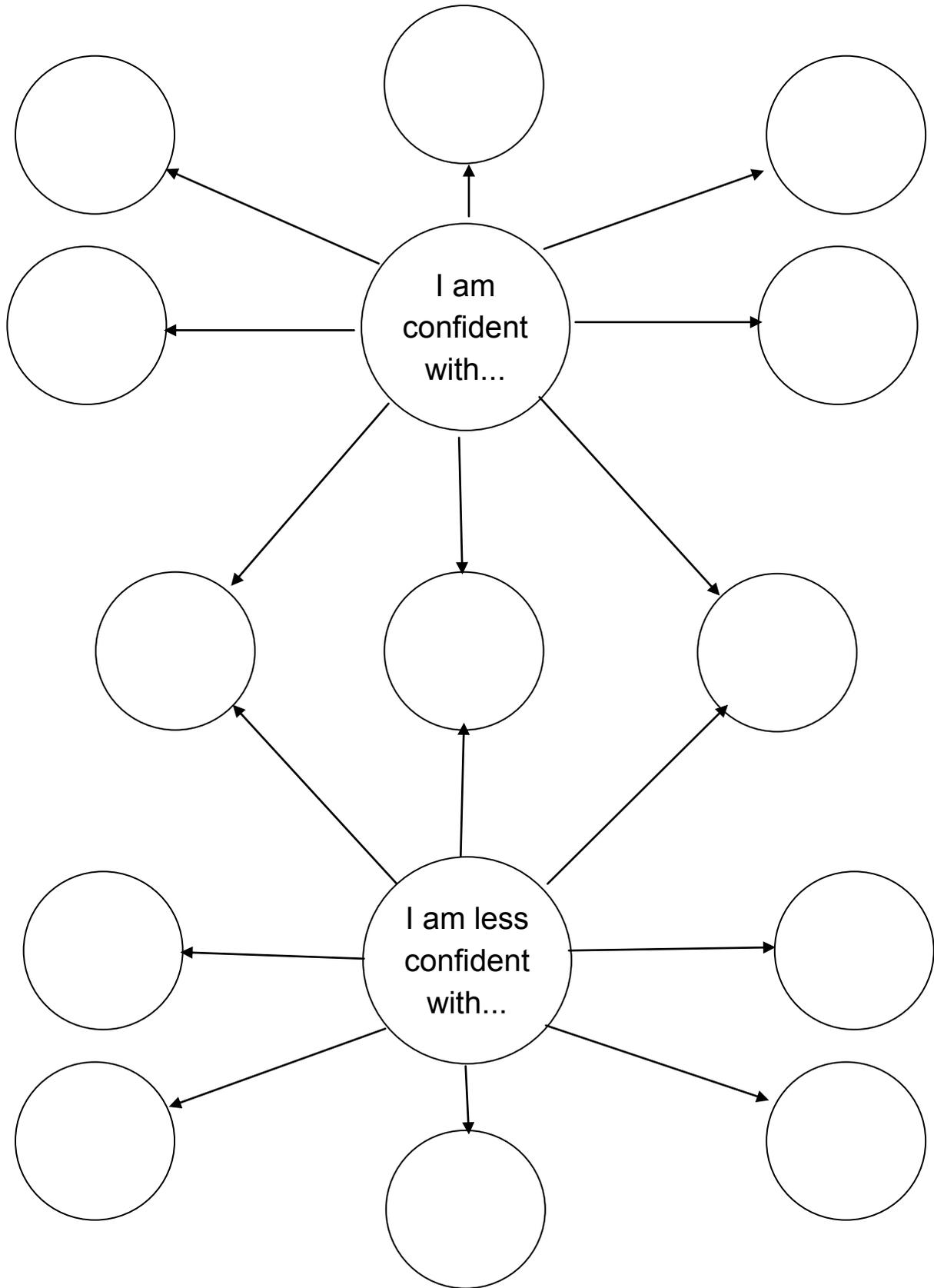
Title of Unit/Topic	Content
<b>Extreme Weather</b>	<ul style="list-style-type: none"><li>• Weather and Climate</li><li>• Microclimate investigation</li><li>• Hurricane Sandy Case Study—causes, effects, responses</li></ul>
<b>China</b>	<ul style="list-style-type: none"><li>• What is China like as a country?</li><li>• Population issues in China</li><li>• How is China developing?</li><li>• Contrasts of rural and urban China</li><li>• Is development sustainable in China?</li></ul>
<b>Settlements</b>	<ul style="list-style-type: none"><li>• What are settlements?</li><li>• What are the patterns of land use?</li><li>• What are the benefits and problems of settlement growth?</li><li>• Greenwich Peninsula Case Study—is it a sustainable development?</li><li>• Public Enquiry— where should all the new houses go?</li></ul>
<b>Coasts</b>	<ul style="list-style-type: none"><li>• Coastal processes—erosion, transportation, deposition</li><li>• Coastal landforms—stacks and spits</li><li>• Coastal management</li></ul>

## How to Revise...

**You will not have an end of year exam but you will be assessed on the topic you are studying -Coasts. Please use the following to help you with your end of unit assessment.**

- Use the internet to revise—BBC Bitesize Key Stage 3.
- Create mind maps or flash cards on each topic.
- Read through your exercise book.
- Take advantage of revision sessions in your Geography lessons.
- Ask your teacher.

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **History**

End of year  
exam?

No

Progress Check

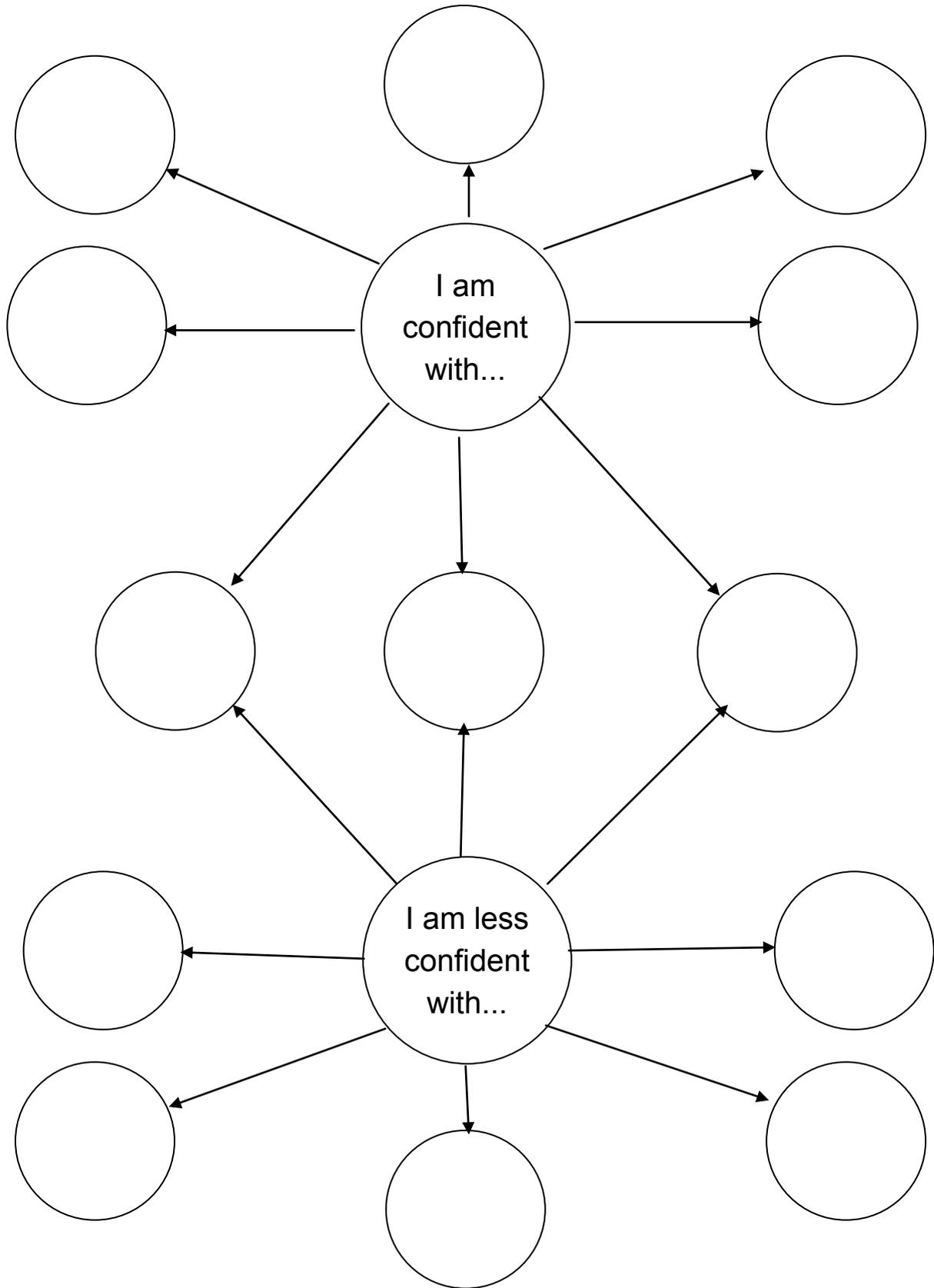
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Early Modern Britain 1490-1750</b>	What were the causes of the English Civil War?
<b>Industrial Britain 1750-1900</b>	How should we remember the British Empire? (Victorian Plate) Did life get better for everybody during the Industrial Revolution?
<b>Twentieth Century Britain</b>	Why did a world war break out in 1914? How far can we say there was a typical experience during WW1? When did Black people achieve equal rights in America?

## How to Revise...

- Take your book home to use for making flashcards/mindmaps, etc
- Research online - BBC bitesize has some good information
- Create quizzes and share these with your friends
- Talk to your teacher

**How can I learn this better?**



# Y8 End of Year Review

Subject: **ICT**

End of year  
exam?

No

Progress Check

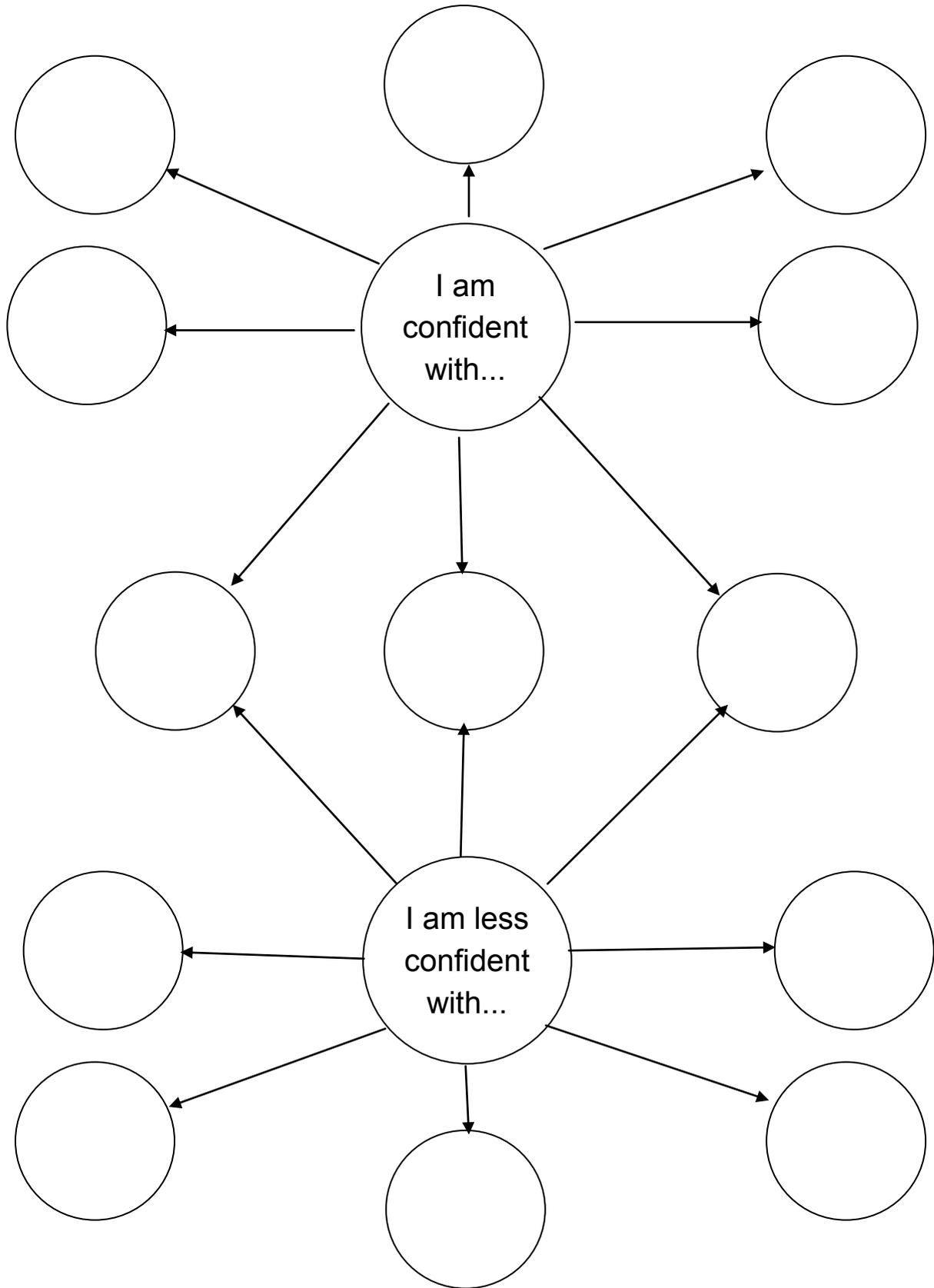
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Flume Data Harvest</b>	<ul style="list-style-type: none"><li>• Introduction to Control</li><li>• Flowcharts</li><li>• Designing a System</li></ul>
<b>Apprentice</b>	<ul style="list-style-type: none"><li>• Programming in Data Harvest</li><li>• Communicating Information effectively</li><li>• Conducting effective research</li><li>• Thinking about target audiences</li><li>• Evaluating and making changes</li></ul>
<b>Seating Plan</b>	<ul style="list-style-type: none"><li>• Handling data in Excel</li><li>• Using COUNT IF formulae</li><li>• Working out profit and loss</li></ul>

## Further study:

- Scratch MIT website
- Code Academy website
- BBC micro:bit site

**How can I learn this better?**



# Y8 End of Year Exam

Subject: **French/Spanish/Italian**

End of year  
exam?

No

Progress Check

## Subject content covered 2015-16

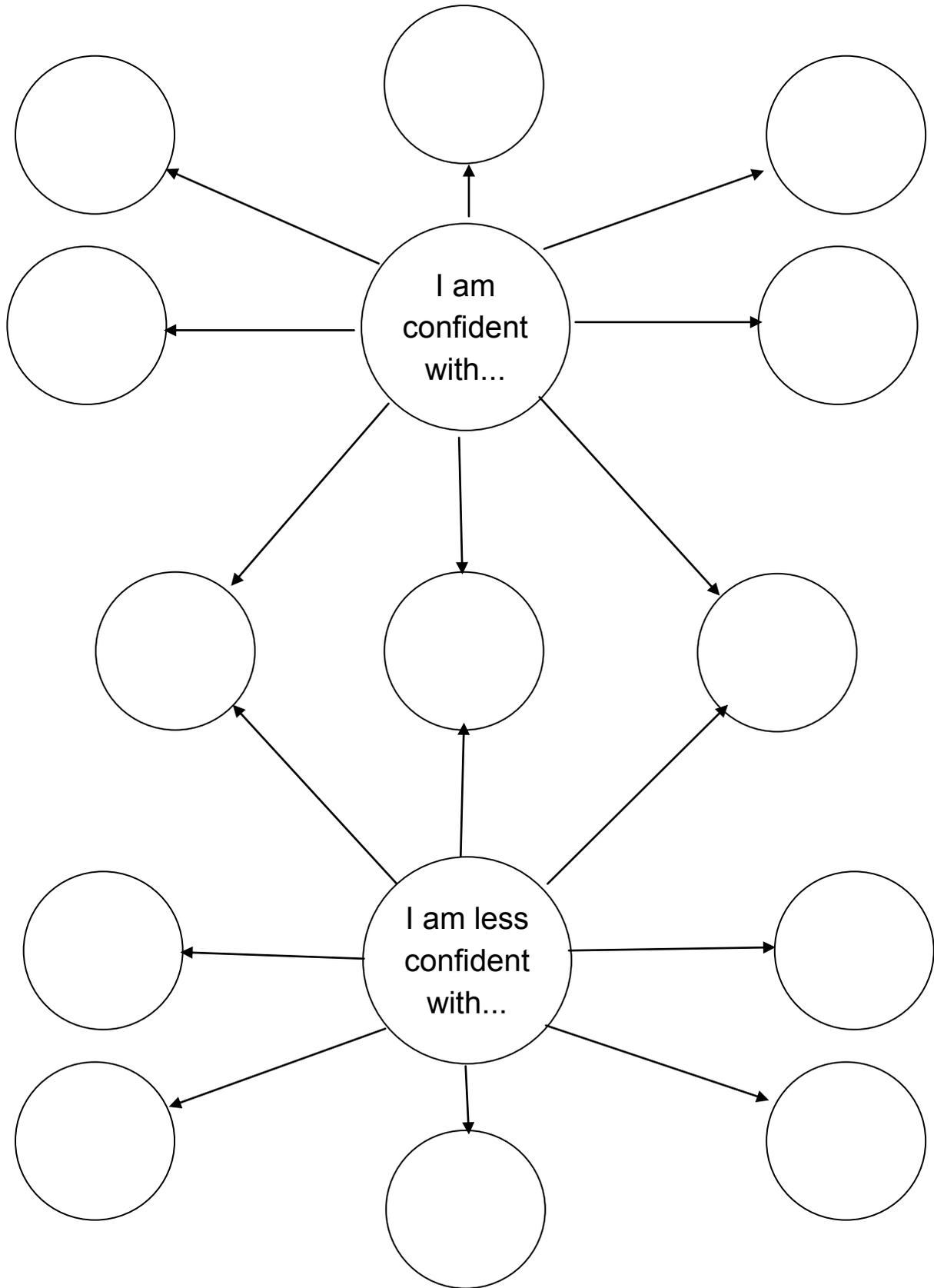
Title of Unit/Topic	Content
<b>French</b>	Giving information about extended families, looking at –er verbs in the present tense and jobs Describing actions in the past tense Invitations to go out, excuses to not go out and clothes Food and drink Holidays
<b>Spanish</b>	Talking about films, TV and invitations to go out Food and drink Talking about what is a healthy lifestyle, describing what is wrong at the doctors and remedies Pocket money and jobs Holidays
<b>Italian</b>	Introducing yourself, giving information about yourself and school items Giving information about your family, describing them physically and their characteristics and talking about pets School subjects, subject opinions, your teachers and activities in and out of the classroom Describing what you do in your free time, how often you do these activities, opinions and talking about what you are going to do Consolidating the present and future tenses

## How to Revise...

- Memorise - see your teacher
- Linguascope
- BBC Bitesize
- Textivate links - see your teacher and the Homework Booklets
- Revision Workbooks - available to buy from your teacher

Homework Booklets - given to you at the beginning of the year.

**How can I learn this better?**



# Yr8 End of Year Exam

Subject: **Music**

End of year exam?

No

Progress Check

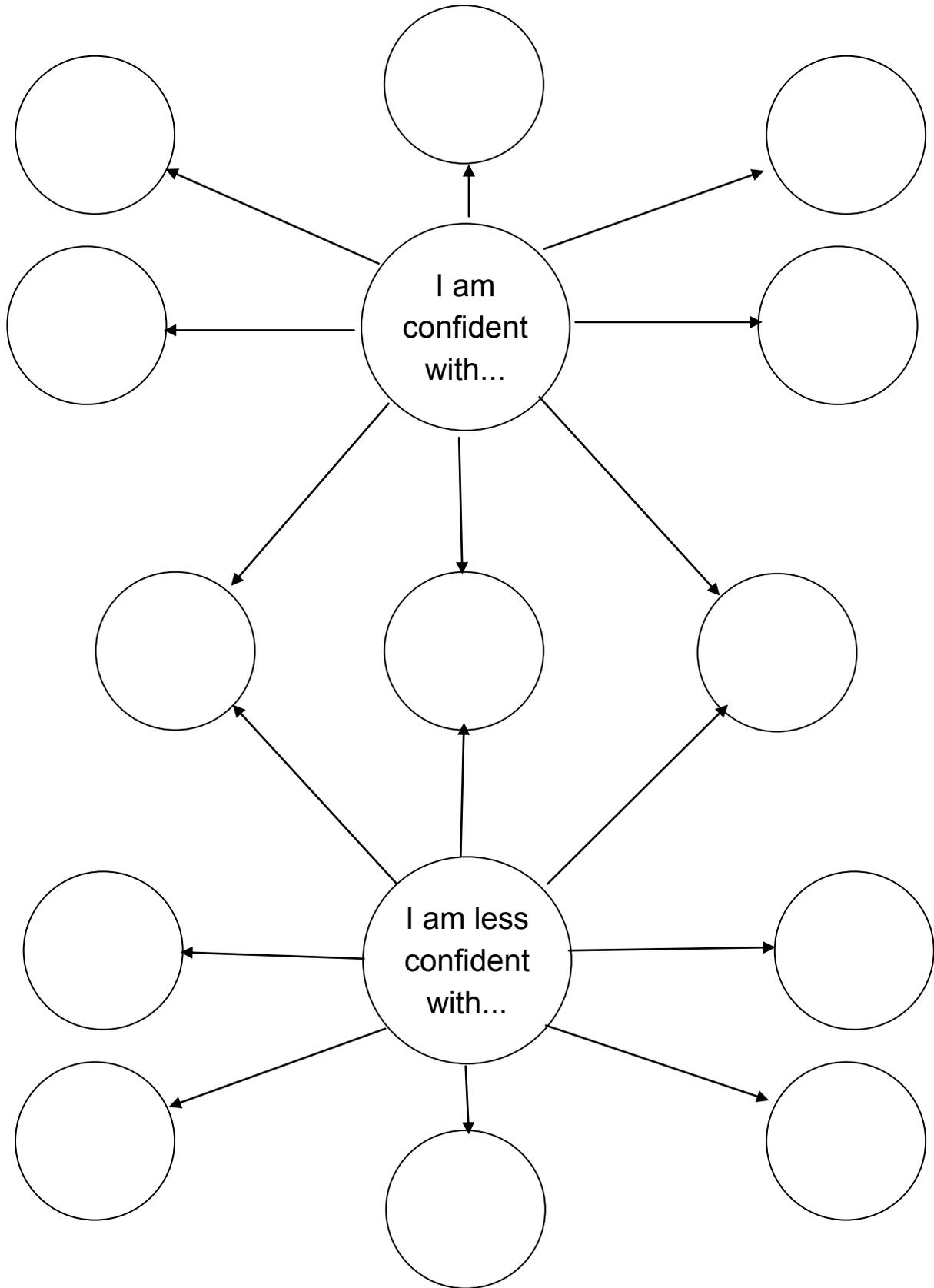
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>African Music</b>	<ul style="list-style-type: none"> <li>• African drumming techniques</li> <li>• Cyclic and polyrhythms</li> <li>• Syncopation work on keyboards</li> <li>• Call and response vocal work</li> <li>• Composing cyclic rhythmic compositions</li> </ul>
<b>Jazz Improvisation</b>	<ul style="list-style-type: none"> <li>• Blues chords and walking bass lines</li> <li>• Swing rhythms and Blues scale improvisation</li> <li>• History of Blues and Jazz</li> <li>• Blues song lyrics</li> </ul>
<b>Minimalism</b>	<ul style="list-style-type: none"> <li>• Minimalist music and rhythmic and melodic motifs</li> <li>• Effects of minimalist rhythmic phase shifts</li> <li>• Exploring minimalist devices—repetition, phase in and out</li> <li>• Performing Tubular Bells on the keyboards</li> </ul>
<b>Soundtracks</b>	<ul style="list-style-type: none"> <li>• Listening work to identify features of Minimalism</li> <li>• Exploring leitmotifs and theme tunes</li> <li>• Action/Thriller soundtracks</li> <li>• Performing James Bond leitmotif and themes</li> <li>• Composing a soundtrack to Spectre Trailer</li> <li>• Western soundtracks and instruments used</li> </ul>

## How to Revise...

<p><b>Keywords:</b></p> <ul style="list-style-type: none"> <li>• <b>African Music</b> - Bass, Tone, Slap, Call and Response, Cyclic Rhythm, Improvisation, Master Drummer, Poly-rhythm, Rhythm, Syncopation.</li> <li>• <b>Jazz Improvisation</b> - Blues, Rhythm Section, Solo(ist), 12 Bar Blues, Blues Scale, Bass line, Walking Bass line, Improvisation, Melody, Riff, Swing, Syncopation.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Minimalism</b> - Abstract, Motif, Phase in/Phase out, Phase Shift, Polyrhythms.</li> <li>• <b>Soundtracks</b> - Bass Clef, Chord, Concord, Crescendo, Cuesheet, Discord, Dynamics, Leitmotif, Pitch, Repeat Marks, Soundtrack, Storyboard, Theme, Timing Clocks.</li> </ul>
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**How can I learn this better?**



# Y8 End of Year Exam

Subject: **Religious Studies**

End of year  
exam?

Yes

Progress Check

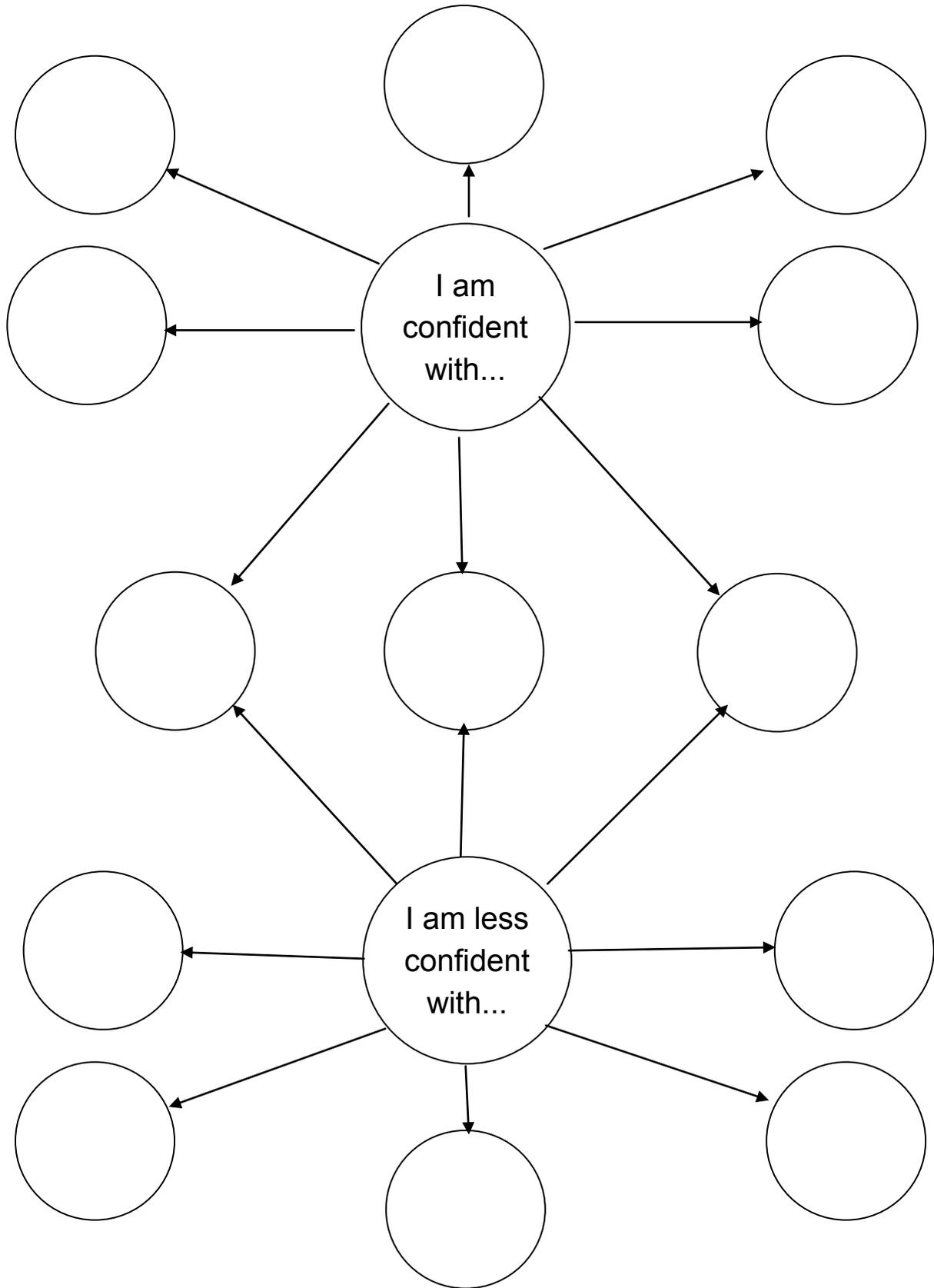
## Subject content covered 2015-16

Title of Unit/Topic	Content
<b>Big Questions</b>	Does God exist? How did the world begin? Was the world an accident or planned? Are Humans or animals more important? Which type of punishment is best? Should we follow an eye for an eye? Death penalty Assessment
<b>Religion in the 21st Century</b>	Is religion changing? Rastafarianism Paganism and Wicca Scientology Cults

## How to Revise...

- Take your book home to use for making flashcards/mindmaps, etc
- Research online - BBC bitesize has some good information
- Create quizzes and share these with your friends
- Talk to your teacher

**How can I learn this better?**



## Exam Timetable

	<b>AMon</b>	<b>ATue</b>	<b>AWed</b>	<b>AThur</b>	<b>AFri</b>
<b>1</b>					
<b>2</b>					
<b>3</b>					
<b>4</b>					
<b>5</b>					

	<b>BMon</b>	<b>BTue</b>	<b>BWed</b>	<b>BThur</b>	<b>BFri</b>
<b>1</b>					
<b>2</b>					
<b>3</b>					
<b>4</b>					
<b>5</b>					