Year 7:

The information below gives you a brief outline of the work we are covering with students this half term. More detail is available on the web site.

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| **Subject** | **This half term we will be studying…** | **Useful resources** |
| English | **Creative Voices:** Introducing concepts that can shape our perceptions of the world: class, gender and race. A baseline study ahead of their class reader next half term. | [DAFOREST persuasive devices QUIZ](https://wordwall.net/resource/9147965)  [Century Tech - exploring non-fiction writing](https://app.century.tech/)  [Exploring Non-Fiction texts BBC bitesize](https://www.bbc.co.uk/bitesize/topics/zv7fqp3) |
| Maths | Introduction to algebra and working with expressions (simplifying, expanding, factorising)  Area, perimeter and volume  Solving equations  Statistical diagrams and Averages - bar charts, two way tables | [www.corbettmaths.com](http://www.corbettmaths.com)  [www.centurytech.com](http://www.centurytech.com)  [www.mathsgenie.com](http://www.mathsgenie.com) |
| Science | **Metals and Non-metals** - The reactions and interactions between metals and non-metals  **Sound** - How sound waves are produced, travel through different substances and how we hear sound  **Movement** - How our muscles and skeleton work to move our bodies around  **Energy Costs and transfers** - The transfer of energy form one source to another and how much does energy cost us  **Separating MIxtures** - The chemical processes we use to separate mixtures, such as distillation, chromatography, filtering and crystalisation | Nuggets of homework are set each week on Century Tech linked to class topics. Students log in via the microsoft option using their school email and password.  <https://app.century.tech/login/>  [www.bbcbitesize.co.uk](http://www.bbcbitesize.co.uk/)  <https://www.mathsociety.org.uk/ks3science>  <https://www.educationquizzes.com/ks3/science/> |
| History | Medieval Life and Castles:  a) Why were castles built?  b) What were the main features of castles?  c) How could castles be used in warfare?  Why did castles decline in popularity? | <https://www.bbc.co.uk/bitesize/guides/z38pcwx/revision/3>  <https://quizlet.com/330217/castles-flash-cards/>  <https://www.essentially-england.com/norman-castles.html>  <https://www.nationalarchives.gov.uk/education/resources/medieval-castles/>  Suggested books for stretch and challenge:  a) The Norman Conquest – Marc Morris  b) Why the Medieval Period Matters – Ian Mortimer  c) Castle: A History of Buildings which shaped Modern Britain – Marc Morris |
| Geography | Why do rivers cause floods?    · What processes affect a river?  · What landforms can you find along a river?  · What causes flooding and how can we manage it? | [River - Wikipedia](https://en.wikipedia.org/wiki/River)    [Rivers - KS3 Geography - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zs92tfr)    [Rivers from source to mouth - YouTube](https://www.youtube.com/watch?v=rl4SldJ76JE) |
| R.E. | How do Religious believers commemorate or celebrate their beliefs?    · What makes festivals important?  · What do all festivals have in common?  · What is Ramadan, Eid-ul-Fitr & Eid-ul-Adha?  · What Christian festivals are celebrated within the UK?  · Why is Wesak important for Buddhists?  · What is Rosh Hananah?  · Why do Hindus celebrate Diwali?  · Why is Vaisakhi important for Sikhs?  · What is Raksha Bandhan?  · Why is Passover important for Jewish people?  · How is Bandhi Chor celebrated?  · Why is Parninirvana day and Songkran important for Buddhists? | [Celebrations - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/z478gwx/articles/zb33pg8)  [What is Christmas? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/ztkxpv4/articles/zdjjf4j)  [What is Easter? When is Easter 2024? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/ztkxpv4/articles/z4t6rj6)  [Festivals - Practices - Eduqas - GCSE Religious Studies Revision - Eduqas - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zj626yc/revision/9)  [Gurpurbs - Festivals - GCSE Religious Studies Revision - WJEC - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zp2xk2p/revision/1)  [What is Vaisakhi? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zsjpyrd/articles/z6qqy9q)  [Bandi Chhor Divas and Divali - Festivals - GCSE Religious Studies Revision - WJEC - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zp2xk2p/revision/2)  [What is Diwali? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zh86n39/articles/zjpp92p)  [What is Passover? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/znwhfg8/articles/zn22382)  [Rosh Hashanah and Yom Kippur - Practices in Judaism - GCSE Religious Studies Revision - Eduqas - BBC Bitesize](https://www.test.bbc.co.uk/bitesize/guides/zv626yc/revision/9)  [What is Wesak? - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zh4mrj6/articles/zbsp92p) |
| Art & Design | *Projects are delivered on a carousel system. The projects that groups will be exploring during the term*  **HT3+4**  · Armitage landscapes – a landscape project  · 3d charms – a jewellery/ 3d printing project  · Colour Wheel - a colour mixing/ painting project.  Mandalas - a pattern and symmetry project  · Hospitality and Catering | Elements of Art -<https://www.bbc.co.uk/bitesize/topics/zgmmk2p>  Art Portfolios -<https://www.bbc.co.uk/bitesize/topics/zp99y4j>  Areas of Art and Design -<https://www.bbc.co.uk/bitesize/topics/zxggpbk>  How to become a Head Chef -  <https://www.bbc.co.uk/bitesize/articles/z8jc8p3> |
| Spanish | Physical description  Personality  Pets  Nationality  colours | <https://wordwall.net/resource/29587790>  <https://wordwall.net/resource/28051674>  <https://wordwall.net/resource/30727852>  <https://wordwall.net/resource/29588066>  <https://wordwall.net/resource/15826915> |
| Mandarin | **Jinbu 1 Unit 3 Hobbies**  Talking about what you do in your free time, what you like doing , sports. Learning the days of the week, young people’s hobbies in China  **Unit 3 assessment**  **Jinbu 1 Unit 4 School**  Talk about school subjects  Telling the time | ‘Go Chinese’ website  <https://uk.gochinese.net/goChinese/>  MEP projects |
| PE & Sport | \*To know a variety of rules in current sports  \* To understand how the heart and breathing rate responds to exercise  \*Be able to identify other responses of the body to exercise  \* To know what physical fitness is and how to measure it | Useful websites  [www.brianmac.co.uk](http://www.brianmac.co.uk/)  <https://www.britannica.com/quiz/guess-the-bones-and-muscles-quiz>  [www.bbcbitesize.co.uk](http://www.bbcbitesize.co.uk/) |
| Performing Arts | **The Gates of Roshomon**  Students will study a fictional samurai story which allows them to develop their creating and devising skills and methods including:   * Still image * Hymns hands * cross cutting * storytelling * flashbacks * thought tracking   we will consider the moral implications of making big decisions that affect other people. Exploration will be practical and theoretical. | [YEAR 7 KNOWLEDGE ORGANISER.pptx - Google Slides](https://docs.google.com/presentation/d/1CXmi_fkw76xJncUifEaDOYP68JmZkHoZ/edit#slide=id.p1) |
| Music | **Introduction to World Music**  Students will study two different styles of music from across the world, developing their understanding and appreciation of other cultures, and developing their performance and playing skills including:   * Improvisation * Scales and forms * Structures   We will be analysing the cultural backgrounds connected with Chinese and Indian traditional music. Exploration will be practical and theoretical. | <https://drive.google.com/file/d/10sfqpWNh0y1APJUTPWPuRsnRBEQ72mAC/view?usp=sharing> |
| Media | **Online Programming & Code**  Understanding code language  Developing online characters & storylines  Analysing effective online systems and purposes. | Useful Websites:  [Scratch - Imagine, Program, Share (mit.edu)](https://scratch.mit.edu/)  [Scratch - Explore (mit.edu)](https://scratch.mit.edu/explore/projects/tutorials/) (Tutorials\_  [Two GCSE grades better with 30 minutes per week - SAM Learning](https://www.samlearning.com/) (Homework)  [CENTURY | Online Learning | English, Maths and Science](https://www.century.tech/) (Homework) |
| Foundation | Students' **main text** this term is Charlie and the Chocolate Factory.  We will be introducing PEAL paragraphs and recapping grammar in**English**.  In **Maths** we will continue with core skills.  **Geography**: Students will be comparing the UK and Africa including climate.  **History** will be focused on the Industrial Revolution and historic civil rights activists.  In **RE** we will be focusing on Christianity and Hinduism.  **Art,** students will be creating giant food sculptures and developing ideas through sustained and focused investigations. | [Home | Roald Dahl](https://roalddahl.com/)  [CENTURY](https://app.century.tech/login/)  [www.Myon.co.uk](http://www.myon.co.uk)  [Welcome (renaissance-go.com)](https://global-zone61.renaissance-go.com/welcomeportal/1893326)  [Times Tables Rock Stars – Times Tables Rock Stars (ttrockstars.com)](https://ttrockstars.com/) |