



LongfieldAcademy

## High Achieving Pupils

### Resources/links:

<https://gridclub.com/> An award winning learning website for 5 - 12 year olds, with more than 500 learning activities for all subjects.

<b>Physical Sciences</b>	
<p>Youtube channels e.g. Crash course; Veritasium  <a href="https://www.youtube.com/user/crashcourse/playlists">https://www.youtube.com/user/crashcourse/playlists</a>  <a href="https://www.youtube.com/user/1veritasium">https://www.youtube.com/user/1veritasium</a>  <a href="#">m</a></p> <p>Bank of science documentaries:  <a href="https://topdocumentaryfilms.com/category/science-technology/page/2/">https://topdocumentaryfilms.com/category/science-technology/page/2/</a></p> <p>Oxfordsparks: Animations, videos, podcasts and news articles:  <a href="https://www.oxfordsparks.ox.ac.uk/">https://www.oxfordsparks.ox.ac.uk/</a></p> <p>BBC Tomorrow's World - videos and articles  <a href="http://www.bbc.co.uk/tomorrowsworld">http://www.bbc.co.uk/tomorrowsworld</a></p> <p>Books: Horrible Science collection of books.</p> <p>A visit to the science museum's Wonderlab: The Statoi Gallery (enriches learning across curriculum themes of Forces, electricity, Light, Sound, Matter, Space and maths.</p>	<p><b>KS4</b>            Youtube channels e.g. Crash course; Veritasium  <a href="https://www.youtube.com/user/crashcourse/playlists">https://www.youtube.com/user/crashcourse/playlists</a>  <a href="https://www.youtube.com/user/1veritasium">https://www.youtube.com/user/1veritasium</a></p> <p>Bank of science documentaries:  <a href="https://topdocumentaryfilms.com/category/science-technology/page/2/">https://topdocumentaryfilms.com/category/science-technology/page/2/</a></p> <p>Oxfordsparks: Animations, videos, podcasts and news articles:  <a href="https://www.oxfordsparks.ox.ac.uk/">https://www.oxfordsparks.ox.ac.uk/</a></p> <p>BBC Tomorrow's World - videos and articles  <a href="http://www.bbc.co.uk/tomorrowsworld">http://www.bbc.co.uk/tomorrowsworld</a></p> <p>Subscription to 'Focus' magazine available in most newsagents and WHSmith.</p> <p>A visit to the Natural History Museum's 'Human Biology' Gallery to enrich learning of the KS4 topics of cells and genetics, nerves and hormones. A visit to the gallery 'From the beginning' to learn about evolution on Earth.</p> <p>Isaac Physics (isaacphysics.org) - practise questions for equations at a level in between GCSE and A Level. Choose 'Questions' at the top and select 'Level 1'.</p>
<b>Languages</b>	<b>Maths</b>
<p><a href="https://www.memrise.com/">https://www.memrise.com/</a>  <a href="https://www.duolingo.com/">https://www.duolingo.com/</a>  <a href="https://quizlet.com/en-gb">https://quizlet.com/en-gb</a></p> <p><b>KS4</b>  <a href="https://www.language-gym.com">https://www.language-gym.com</a>  <a href="http://www.revisionworld.com/gcse-revision/spanish/">www.revisionworld.com/gcse-revision/spanish/</a></p>	<p><a href="https://nrich.maths.org">https://nrich.maths.org</a>  <a href="http://www.accessmaths.co.uk">www.accessmaths.co.uk</a>  <a href="https://vle.mathswatch.co.uk/vle/">https://vle.mathswatch.co.uk/vle/</a>  <a href="http://www.transum.org">www.transum.org</a></p> <p><b>KS4</b></p>

[www.revisionworld.com/gcse-revision/french/](http://www.revisionworld.com/gcse-revision/french/)  
<https://www.spaleon.com> (Spanish)

PiXL Maths App  
[www.justmaths.co.uk](http://www.justmaths.co.uk)

### English

#### KS3

Keep an eye out for any productions of the texts that your child is studying. These could be amateur or professional but seeing what they are reading come alive in front of them can really enhance understanding. Dartford Theatre is a large local theatre with many high quality productions. Theatres in Gravesend and Canterbury are also close.

Take your child to a bookshop or local library and find copies of the other novels written by authors studied in class. For year 7 students will look at Jack London and Melvin Burgess. For year 8 we study novels by Anne Holm and Erich Maria Remarque as our main texts, although we also look at extracts from writers such as Daphne du Maurier, Bram Stoker, Ian McEwan and HG Wells.

The 19th century texts students need to read for the new GCSE specifications can be intimidating, but there are a range of much more manageable short stories available for free online. There are also many good quality audio recordings of these texts available on youtube for writers such as Charles Dickens, Arthur Conan Doyle. Classic Christmas stories can be an excellent way to begin exploring 19th century literature.

Visit museums (or the British Library to see the installations they have of literature based exhibitions) to explore related topics.

Read reputable newspapers with your child, and encourage them to read them to you. This will help them to gauge an understanding of non-fiction and journalistic writing.

Read everything and anything and share what you are reading with your child. It does not need to be literary in any way, many excellent television series begin their

#### KS4

Keep an eye out for any productions of the texts that your students are studying. These could be amateur or professional but seeing what they are reading come alive in front of them can really enhance understanding.

Reading other texts by the same author as their set texts can broaden and deepen their appreciation of the text.

What can they find out about the authors beyond what we discuss in the classroom?

Visiting museums and exhibits on related topics e.g. Victorian England or Shakespeare's London - walking tours can be a really fun thing to do as a family!

**READ FICTION!** It doesn't matter if it is not related to what they are reading in class. Reading a range of material will improve vocabulary and expression dramatically. Students should try and challenge themselves and read authors that they are not always familiar with - English teachers are always happy to recommend books or visit the LRC with students to help pick.

**READ NON-FICTION!** Reading quality journalism (e.g. broadsheet newspapers) will help students express an argument more coherently. This could be hard copies of newspapers or online. Some are behind a paywall but a subscription, if used, would be a good investment.

Discuss a wide range of topics at home. Talking about what is happening in the news and opinions about really meaty topics like crime and punishment, rather than just day to day life, really helps students become more eloquent.

<p>lives as thriller novels.</p> <p>Completing a good crossword from the weekend newspaper with your child can be both enjoyable and help them to develop their vocabulary and problem solving skills.</p> <p>Play Scrabble together!</p>	
<p><b>Humanities</b></p>	<p><b>ICT and Computer Science</b></p>
<p><b>Geography</b></p> <p>Wideworld Magazine Volume 29, 2017/18 ISBN: 9781471891182 <a href="https://www.hoddereducation.co.uk/Product/9781471891182.aspx">https://www.hoddereducation.co.uk/Product/9781471891182.aspx</a></p> <p>Read Horrible Geography books - <a href="https://www.amazon.co.uk/Horrible-Geography-Collection-Books-Ganeri/dp/B007RMN7SQ">https://www.amazon.co.uk/Horrible-Geography-Collection-Books-Ganeri/dp/B007RMN7SQ</a></p> <p>Visit the coast line and look at the different types of coastal management - Do you think it is effective and working?</p> <p>Visit a tourist area - Could link in with a trip to the coast or could be further away such as the New forest or even the Lake District. How has tourism affected the environment, the people and the economy?</p> <p>Access the BBC news app on a daily basis and read stories that are related to geography.</p> <p>Wideworld Magazine Volume 29, 2017/18 ISBN: 9781471891182 <a href="https://www.hoddereducation.co.uk/Product/9781471891182.aspx">https://www.hoddereducation.co.uk/Product/9781471891182.aspx</a></p> <p>Visit the Natural History Museum - the hazards area.</p> <p><b>History</b></p> <p>Visit a Norman Castle &amp; Cathedral and observe the building design i.e. Rochester.</p> <p>Read GCSE Edexcel Revision books: 1. Weimar &amp; Nazi Germany x30 ISBN 978-1-292-16973-6</p>	<p>Hour of Code <a href="https://hourofcode.com/uk">https://hourofcode.com/uk</a> <a href="https://www.bbc.co.uk/education/subjects/zvc9q6f">https://www.bbc.co.uk/education/subjects/zvc9q6f</a> BBC Bitesize KS3 Computer Science section with key information, videos, interactive tasks and quizzes for students.</p> <p>Code club <a href="https://www.codeclub.org.uk/">https://www.codeclub.org.uk/</a></p> <p>Visits - Bletchley park, Thinktank museum, Science museum, BETT show.</p> <p><b>KS4</b> <a href="https://www.bbc.co.uk/education/subjects/z34k7ty">https://www.bbc.co.uk/education/subjects/z34k7ty</a> BBC Bitesize KS4 Computer Science section with key information, video, interactive tasks and quizzes for students to learn and revise from.</p> <p>CGP New GCSE Computer Science OCR Complete Revision &amp; Practice - Grade 9-1 (with Online Edition)</p> <p>CGP GCSE ICT Complete Revision &amp; Practice (A*-G course)</p> <p>YouTube channel - Crash course <a href="https://www.youtube.com/playlist?list=PL8dPuuaLjXtNIUrzyH5r6jN9uIlgZBpdo">https://www.youtube.com/playlist?list=PL8dPuuaLjXtNIUrzyH5r6jN9uIlgZBpdo</a></p>

<b>Business and Marketing</b>	<b>Design Technology</b>
<p><b>KS4</b></p> <p>CGP New GCSE Business Complete Revision and Practice - for the Grade 9-1 Course (with Online Edition)</p> <p>New GCSE Business AQA Exam Practice Workbook - for the Grade 9-1 Course (includes Answers)</p> <p>BTEC First in Business Revision Guide (BTEC First Business) Paperback – 25 Apr 2014</p> <p>BTEC First in Business Revision Workbook (BTEC First Business) Paperback – 25 Apr 2014</p> <p>BBC Bitesize  <a href="https://www.bbc.co.uk/education/subjects/zpsvr82">https://www.bbc.co.uk/education/subjects/zpsvr82</a></p> <p><a href="https://www.tutor2u.net/business">https://www.tutor2u.net/business</a></p>	<p>Healthy Eating Food Preparation and Nutrition</p> <p>Watch a number of shows e.g. ‘Bake off’, ‘Masterchef’, ‘Food Inspectors’.</p> <p><b>KS4 Book</b>  <a href="https://www.hoddereducation.co.uk/Product/9781471867507.aspx">https://www.hoddereducation.co.uk/Product/9781471867507.aspx</a>  <a href="http://illuminatepublishing.com/index.php?main_page=product_info&amp;products_id=105">http://illuminatepublishing.com/index.php?main_page=product_info&amp;products_id=105</a></p> <p>Book: AQA GCSE (9-1) Design and Technology            Authors: Michael Ross, Publisher: PG Online, ISBN-13: <u>9781910523100</u></p>
<b>Expressive Arts</b>	
<p><b>KS3</b> <b>Music</b></p> <p>BBC Bitesize KS3 Music  <a href="https://www.bbc.co.uk/education/subjects/zmsvr82">https://www.bbc.co.uk/education/subjects/zmsvr82</a></p> <p>Dallas Symphony Orchestra  <a href="https://www.mydso.com/dso-kids/learn-and-listen">https://www.mydso.com/dso-kids/learn-and-listen</a></p> <p>Classic FM  <a href="http://www.classicfm.com/">http://www.classicfm.com/</a></p> <p><b>Art</b></p> <p>BBC Bitesize KS3 Art  <a href="https://www.bbc.co.uk/education/subjects/z6f3cdm">https://www.bbc.co.uk/education/subjects/z6f3cdm</a></p>	<p><b>KS4</b> <b>Music</b></p> <p>BBC Bitesize GCSE Music  <a href="https://www.bbc.co.uk/education/subjects/zpf3cdm">https://www.bbc.co.uk/education/subjects/zpf3cdm</a></p> <p>Music theory  <a href="http://www.musictheory.net">www.musictheory.net</a></p> <p>Dallas Symphony Orchestra  <a href="https://www.mydso.com/dso-kids/learn-and-listen">https://www.mydso.com/dso-kids/learn-and-listen</a></p> <p>Classic FM  <a href="http://www.classicfm.com/">http://www.classicfm.com/</a></p> <p>Visit as many concerts, gigs, shows and music exhibitions as possible.</p> <p>Kent Music  <a href="https://www.kent-music.com/">https://www.kent-music.com/</a></p> <p><b>Art</b> BBC Bitesize GCSE Art  <a href="http://www.bbc.co.uk/schools/gcsebitesize/art/">http://www.bbc.co.uk/schools/gcsebitesize/art/</a></p> <p>Visit as many galleries, exhibitions and museums as possible.  <a href="https://www.visitkent.co.uk/see-and-do/art-and-culture/galleries/">https://www.visitkent.co.uk/see-and-do/art-and-culture/galleries/</a>  <a href="https://www.turnercontemporary.org/">https://www.turnercontemporary.org/</a></p>

<https://www.nationalgallery.org.uk/>  
<http://www.britishmuseum.org/>  
<http://www.tate.org.uk/visit/tate-britain>  
<https://www.vam.ac.uk/>  
<http://www.tate.org.uk/visit/tate-modern>

**Media KS4**

No website for BTEC Media but this is the GCSE one

<https://www.bbc.co.uk/education/subjects/ztnygk7>

The English and Media Centre

[www.englishandmedia.co.uk/mediamag.html](http://www.englishandmedia.co.uk/mediamag.html)

The Internet Movie Database

[www.imdb.com](http://www.imdb.com)

Web guide for media students

[www.mediaknowall.com](http://www.mediaknowall.com)

Mediawatch UK

[www.mediawatchuk.org](http://www.mediawatchuk.org)