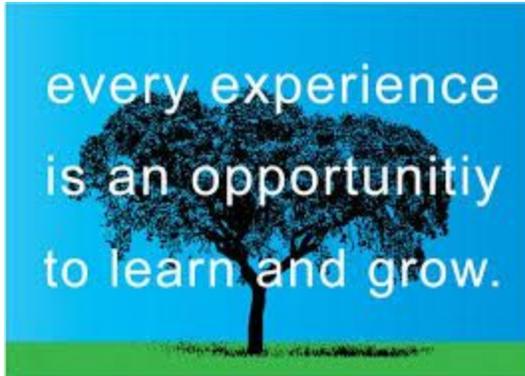
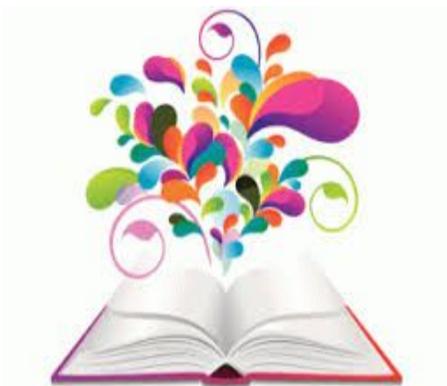


HDHS is a reading school -
Reading for purpose and reading for pleasure



The HDHS Opportunity Curriculum 2020/2021

Working, Learning and Reading together



*Never
stop
Learning*

**HDHS is a reading school -
Reading for purpose and reading for pleasure**



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The HDHS Opportunity Curriculum

Dear Students,

The HDHS Opportunity Curriculum activities are those that take your regular curriculum *further*. They take the subjects you study in the classroom *beyond* that which your teacher has taught you or what you've done for home learning. For example, you may go into more depth on something you picked up in the classroom, or learn about a new topic altogether- you take the lead on your own learning.

These activities are normally in the form of extra reading but they can take many other forms, like watching videos online, downloading podcasts, attending lectures, visiting museums or entering academic competitions. These are optional activities suggested by people who share your passion for learning.

Engaging in the HDHS Opportunity Curriculum activities will help you develop a love for your favourite subject or subjects. You are lucky that you have found a passion for learning and even luckier that you have the will and desire to develop this passion. In this booklet there are a range of activities suggested by your teachers. They are by no means exhaustive lists but should get you started. I would encourage you to share ideas and opportunities you come across with your teachers so that, over time, the recommended activities in this booklet can grow.

In the future, employers or universities will be interested to hear about what Opportunity Curriculum activities you have engaged in; they will be interested in what you have learned and will be impressed by your efforts.

I wish you well in your pursuit of growing your knowledge and expertise and I admire your desire to be the best version of yourselves.

Mrs Finch
Headteacher



Art - HDHS Opportunity Curriculum Suggestions

<p>Challenge yourself to draw as much as possible from observation. Buy a small sketchbook and try to make a drawing/sketch/painting/collage every day for two weeks. This could be a quick 5 minute study to one hour. Show your art teacher your art work once you have finished!</p> 	<p>Visit one of the local galleries below. Take photos of things that interest you.</p> <ul style="list-style-type: none"> ●  Harwich festival of the arts ● Old bank studios -Harwich ● Firstsite Gallery- Colchester ● University of Suffolk gallery- Waterfront ipswich. ● Visit the Anna Airy exhibition (November). HDHS students work is exhibited in this. 	<p>Visit Flatford or dedham and sketch in the environment. Create small sketches from the landscape.  Look at the work of John Constable and how he used Flatford as his inspiration.</p>
<p> Read one of our books from the ART Library outside G6.</p>	<p>Research three of your favourite artists. Compare and contrast their artwork.</p> <ul style="list-style-type: none"> ● What is their subject matter(theme)? ● What materials do they use? ● What do you like/dislike about the work? 	<p>Watch: Sky Arts:</p> <ul style="list-style-type: none"> ● Portrait artist of the year ● Landscape artist of the year ● Key skills you tube clips to visit: <p>Drawing: https://www.youtube.com/watch?v=eFV3RhAszOM</p> <p>Painting: https://www.youtube.com/watch?v=o1WPCvKZtlo </p>
<p>Look at contemporary news articles and see what's going on in the world of art.</p> <p> https://www.bbc.co.uk/arts</p>	<p>Review a piece of artwork or complete a piece of creative writing about a painting. Be as imaginative as you can.</p> 	<p>Create a sculpture using only recycled materials.</p>

 Reading task	 Watching task	 Writing task	 Listening task
 Research task	 Trip or visit	 Creative task	 Student-led task



Computer Science and IT - HDHS Opportunity Curriculum Suggestions

<p>Download Python (it is a free programming language) and have a play! There are lots of YouTube tutorials about.</p> 	<p>Visit Bletchley Park and find out how the WW2 codebreakers revealed secrets that helped win the war</p> 	<p>Get hold of an old device that no one wants and have a look at what's inside.</p> 
<p>Write out the numbers 1 to 100 in binary code!</p> 	<p>Research how theme parks, like Thorpe Park, use technology to operate their rides.</p> 	<p>Find out about some key people who have influenced modern technology.</p> 
<p>Make a poster that shows how all versions of Windows have looked – start from Windows 1.0 right up to Windows 10!</p> 	<p>Find out how to use Mail Merge and create your own set of personalised Party Invites!</p> 	<p>Use Photoshop to make a Pepsi Coke can that uses the colours of a Coca Cola can!</p> 
<p>Write a poem and present it using a word processing application.</p> 	<p>Teach at parent/carer or grandparent something... e.g, how to search for facts and figures about outer space on different search engines or how to send an email!</p> 	<p>Sign up for WIX.COM and design a website of your own about a subject that you are interested in!</p> 

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



Dance - HDHS Opportunity Curriculum Suggestions

<p> Learn a new dance style like Bollywood, Rock n roll or Street dance</p> <p>https://www.youtube.com/user/goodindiangirlvideos https://www.youtube.com/watch?v=73UsmaQDW5Q https://www.youtube.com/results?search_query=learn+street+dance</p>	<p> Musicals Visit London's West End and watch a musical of your choice .</p>	<p> Essential Guide to Dance By Linda Ashley.</p> <ul style="list-style-type: none"> ★ What are the 5 basic body actions? ★ What are the principles of choreography? ★ What is the difference between Physical and Expressive skills in dance?
<p> The Stage Newspaper https://www.thestage.co.uk/</p> <ul style="list-style-type: none"> ★ Read articles and find out about how the industry works. ★ What would an audition consist of? How would you prepare for this? 	<p> Pineapple Dance Studio and take part in a dance class if you can.</p>	<p> <u>Write a review about a performance</u> you have been to or seen online:</p> <ul style="list-style-type: none"> ★ consider what the subject matter is and how successful the choreographer is at sharing this with an audience.
<p> Watch Strictly come dancing and write our own review . You are the judge</p>	<p> Move It Dance Event Visit the U.K's biggest dance event: http://www.moveitdance.co.uk/</p>	<p> Research Fred Astaire and write up your findings about the famous dancer</p>
<p> Audition for a dance company/club.</p>	<p> The Dancing Times http://www.dancing-times.co.uk/</p>	<p> Ted talks 'A choreographer's creative process in real time'. https://www.ted.com/talks/wayne_mcgregor_a_choreographer_s_creative_process_in_real_time</p>

Reading task

Watching task

Writing task

Listening task

Research task

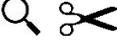
Trip or visit

Creative task

Student-led task



Design and Technology - HDHS Opportunity Curriculum Suggestions

<p> Make your own Quizizz on a topic of your choice and ask your DT teacher to share it with the class</p>	<p> Visit Jimmy's Farm to see how animals are reared.</p>	<p> Create a timeline of the food through history.</p> <p> Create a timeline of design through history</p>
<p> Visit Firstsite in Colchester to see some Art / Design pieces up close and personal!</p>	<p>Using the link from BBC bitesize Food Technology to find out why is chocolate shiny. How to produce a chicken kiev cheaply and how cola is produced https://www.bbc.com/bitesize/clips/zb69wmn https://www.bbc.com/bitesize/clips/z7g6n39 https://www.bbc.com/bitesize/clips/z8sjmp3</p>	<p> Write a news report about what you think food scientists need to do to make sure all countries have enough food to feed its people</p>
<p> Find out about different careers in Graphic Design, Engineering and Design and Technology. Create a presentation that explains this.</p>	<p> Visit the Design Museum in London to see how some of the most famous products have been designed and made.</p>	<p> Listen and subscribe to the 'Adventures in Design' podcast and discuss the latest topics with your teachers.</p>
<p> Find out about the eco-brick engineering initiative and create various eco-bricks. Bring them in and give them to Miss Richards!</p>	<p> Read one of our books from the DT Library outside H4.</p>	<p> Subscribe to 'Yes i'm a designer' on Youtube and watch the various tutorials. Then, use the CAD software demonstrated to create a business card and logo for yourself.</p>

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



English - HDHS Opportunity Curriculum Suggestions

 Watch the film adaptation of <i>Animal Farm</i> and write a summary of how it is different to the book.	 Enter the BBC Radio 2 500 words writing competition https://www.bbc.co.uk/programmes/p00rfvk1	 Learn a poem by heart - https://www.poetryfoundation.org/ Enter the Sigma Poetry competition. Enter The Poetry by Heart competition.
 Create a leaflet for Open Evening about your experiences of English at HDHS.	 Create a scrapbook of poetry you have enjoyed/find interesting. Categorise the poems into movements such as The Romantics.	 Read <i>Great Expectations</i> by Charles Dickens. Read <i>Grapes of Wrath</i> by John Steinbeck.
 Become a student librarian/Reading Leader	 Start reading broadsheet newspapers and discuss articles with your teacher.	 Join the Rotary Club Public Speaking competition to represent HDHS.
 Sign up for the readathon challenge.	 Join the HDHS Debating squad and represent your school in debate competitions.	 Take a trip to The Globe to watch a play. http://www.shakespearesglobe.com/

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



French - HDHS Opportunity Curriculum Suggestions

 Translate your favourite song into French.	 Watch a Disney film you know in French with subtitles in English.	 Find out about another Francophone countries and make a short PP presentation on one for the class.
 Some nice, authentic French Haikus: http://www.modernhaiku.org/essays/frenchhaiku.html	 Put the settings on your phone into French to practise useful language	 News website: http://www.1jour1actu.com/
 Online books for language learners: http://mf-storybirds.wikispaces.com/	 Brainstorm solutions to some of the problems you would face if you lived in France and only spoke English.	 Prepare a vocab booklet for a trip to France with key vocab and phrases
 Online stories with audio to listen as well: http://www.childtopia.com/index.php?module=videos&func=cuentos&newlang=fra	 Start up a HDHS newsletter in French or design an attention grabbing website that summarises French at HDHS.	 Searchable MP3 clips by topic, level and language: http://www.audio-lingua.eu/?lang=en
 Download a French recipe for a regional or national dish. Follow the instructions to make the food items. Photograph or draw your step by step process.	 Choose a theme and make an A - Z in French (eg. celebrity names, animals, school subjects)	 Find some items in a supermarket that have come from France. Translate some of the ingredients into English and work out the prices in Euros using the current exchange rate.

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



Geography - HDHS Opportunity Curriculum Suggestions

<p> Research and create fact files for 5 of the world's main biomes</p>	<p> Write an adventurous story using OS map symbols (to replace words)</p>	<p> First watch this link: http://www.bbc.co.uk/education/clips/zpmb4wx Now imagine you are a member of The Korowai tribe live in a remote region of the hot and humid West Papuan rainforest. Write about a day in your life</p>
<p> How do plants adapt to living in deserts/rainforests/ polar regions. What features do they have to ensure their success? Name the plants, label and annotate their features using a diagram</p>	<p> Geography Fact Files, Deserts by Anna Claybourne Horrible Geography - Bloomin' Rainforests (2001) Planet Habitats, Louise & Richard Spilsbury</p>	<p> Research about the past, present and future plans for the Thames Barrier London. Find out when was it built, how much did it cost, how does it work, how has the usage changed since it was built, what the future plans to protect London? Research areas at risk of flooding using ArcGIS</p>
<p> BBC Human Planet- Friend or foe? Supersized Earth, episode 3, Food, Fire and Water (Water) Into the wild (2007) Planet Earth, Fresh Water</p>	<p> BBC Four, Food in extreme places: Antarctica http://www.bbc.co.uk/programmes/b075mhgr BBC Four, How A Volcano Shaped The World http://www.bbc.co.uk/programmes/p033k7qh Layers of the Earth https://www.youtube.com/watch?v=Q9j1xGaxYZY</p>	<p> Planet Earth – Deserts, Mountains, From Pole to Pole. BBC Human Planet: Arctic – Life in the deep freeze. Deserts – Life in the furnace Mountains – life in the air</p>

 Reading task

 Watching task

 Writing task

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Maths - HDHS Opportunity Curriculum Suggestions

<p> The Maths Behind the Magic, by Adam Boddison – exploring maths and magic</p> <p> This is not a Maths Book, by Anna Weltman – fusion of maths and art/drawing – work through fun drawing challenges with a mathematical basis</p>	<p> Wild Maths – explore, imagine, experiment, create! – try and explore one of the games from the rich site: http://wild.maths.org/</p>	<p> Watch Movie based on mathematician Alan Turing’s involvement in code breaking of Enigma – ‘The Imagination Games’ directed by Morten Tyldum</p>
<p> King’s College London – visit KCL site and attempt one of the weekly challenge competitions – https://www.kcl.ac.uk/mathsschool/Weekly-Maths-Challenge/Weekly-maths-challenge.aspx</p>	<p> Documentary : Top 10 equations that changed the world 1080p - https://www.youtube.com/watch?v=0K-t090uvL4</p>	<p> Beautiful Equations (2010) – BBC documentary featuring Stephen Hawking and Matthew Collins (maths and art together) https://www.youtube.com/watch?v=059xlxb3tM</p>
<p> Alex’s Adventures in Numberland, by Alex Bellos - an exhilarating cocktail of history, reportage and mathematical proofs that will leave you awestruck</p>	<p>Research Srinivasa Ramanujan and his influences on modern Mathematics. </p>	<p> BBC Universe Documentary The Great Math Mystery BBC Documentary 2015 – https://www.youtube.com/watch?v=JiH7IMGW60A</p>

Reading task

Watching task

Writing task

Listening task

Research task

Trip or visit

Creative task

Student-led task



Music - HDHS Opportunity Curriculum Suggestions

<p>Attend a concert, show or live performance. Look at what is on in your local venue or online at a venue further away. Maybe suggest a trip with your family #takeatriptoLondon</p> 	<p>Join a group or choir.</p> 	<p>Watch Glastonbury footage from past years performances https://www.bbc.co.uk/programmes/b007r6vx</p> 
<p>Learn an instrument. Have a 30 minute lesson with a specialist teacher on an instrument of your choice.</p> 	<p>Visit the Royal Academy of Music Museum in London. https://www.ram.ac.uk/museum</p> 	<p>Write a song for Battle of the Bands. HDHS will be holding a battle of the bands comp Could you enter a song of your own? Be part of a band?</p> 
<p>Watch 'Earworms: Those songs that get stuck in your head' by Tim Hansen on the Ted Ed website</p> 	<p>Choose a musician to research in more detail and write a short article on their life and music.</p> 	<p>Write about how music affects our brains by watching 'How playing an instrument affects your brain' by Anita Collins on Ted Ed as a starting point</p> 
<p>Use computer software to create a film soundtrack to a film clip of your choice.</p> 	<p>Watch 'Getting started as a DJ: Mixing, mashups and digital turntables' on the Ted Ed website.</p> 	<p>Explore how Latin rhythms have influenced rock eg Carlos Santana and write a short article about it.</p> 

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



Physical Education - HDHS Opportunity Curriculum Suggestions

 Create a timeline of the history of your chosen sport.	 Start a weekly sports blog on the sport of your choice.	 Write a sports report for the school website/school newsletter.
 Create a new game or gymnastics routine and teach it to someone else.	 Read any sports autobiographies e.g Mo Farah, Serena Williams, Greg Rutherford, Lewis Hamilton, Tom Daley, Jimmy White, Laura Trott,	 Start up your own Youtube page on the sport of your choice.
 Organise and lead on sport charity events in your community.	 Read 3 sport books. Borrow books from the PE library.	 Lead your tutor group in an inter-community event and consider becoming a community sports captain.
 Watch the documentary on Muhammad Ali: https://www.youtube.com/watch?v=_kHo32RZD9M	 Join a local sports club and try a new sport.	 Gain over 20 sports personality points.

 Reading task

 Watching task

 Writing task

 Listening task

 Research task

 Trip or visit

 Creative task

 Student-led task



Science - HDHS Opportunity Curriculum Suggestions

<p> 100 things to know about space. Alex Frith, Alice James and Jerome Martin.</p>	<p> Incredible Medicine: Dr Weston's Casebook. Extraordinary cases that are bringing new discoveries about the human body. https://goo.gl/V82X5t</p>	<p> Create your own worm world or ant farm.</p>
<p>20 awesome science experiments you can do at home: http://www.iflscience.com/chemistry/unfinished-20-fun-science-experiments-you-can-do-home/</p>	<p> Visit Colchester Zoo. Maybe ask if work experience is an option!</p>	<p> Make your own Quizizz on a topic of your choice and ask your Science teacher to share it with the class.</p>
<p> Create a song to remember the names of the first 20 elements</p>	<p> Why don't Penguins feet freeze? New Scientist Does anything eat wasps? New Scientist Why can't elephants jump? New Scientist.</p>	<p> Visit Jimmy's Farm</p>
<p> Download an app on the stars and constellations then go outside at night to identify them.</p>	<p> Visit the Science Museum in London.</p>	<p> 100 Scientists who made history-Andrea Mills.</p>

Reading task

Watching task

Writing task

Listening task

Research task

Trip or visit

Creative task

Student-led task



Drama - HDHS Opportunity Curriculum Suggestions

<p> Make your own <u>set design</u>. https://www.youtube.com/watch?v=OLw-QapkxNA</p> <p>Choose a play Consider the colour, design, scale, materials and location.</p>	<p> Visit Mercury Theatre and watch a play of your choice . https://www.mercurytheatre.co.uk/whats-on/</p> <ul style="list-style-type: none"> ★ What was the play about ★ What did you enjoy about it the most? 	<p> Find out how <u>Drama</u> can improve your self esteem. https://www.theguardian.com/education/2004/oct/06/schools.primaryeducation</p>
<p> The Stage Newspaper https://www.thestage.co.uk/</p> <ul style="list-style-type: none"> ★ Read articles and find out about how the industry works. ★ ★ What would an audition consist of? How would you prepare for this? 	<p> Shakespeare....Visit the <u>Globe Theatre</u> for an insight into William Shakespeare.</p>	<p> <u>Review Write a review about a play or performance</u> you have been to or seen online:</p> <ul style="list-style-type: none"> ★ consider what the key themes are and how successful were the actors at communicating this with an audience.
<p> Watch a film version of your favourite book. E.g. Harry Potter.</p> <ul style="list-style-type: none"> ★ How do the actors bring the characters and story to life? You could write a blog and share online! 	<p>Create a piece of comedy inspired by Charlie Chaplin or Morecambe and Wise.</p>	<p> <u>Direct a scene:</u> When you stage a performance, identify the purpose of your work and the target audience. Choose a suitable style and stage layout.</p>



HDHS Opportunity Bingo

**HDHS is a reading school -
Reading for purpose and reading for pleasure**



Reflection Activity:

Shade the box with any symbol representing an opportunity you took over the half term. The aim is to shade four boxes vertically or horizontally. There will be prizes for:

1. A line of four
2. A Full house (every square shaded)

Here is where you evidence the opportunities:

Subject	Opportunity	What did you learn?

HDHS is a reading school -
Reading for purpose and reading for pleasure



The HDHS KS3 Opportunity Curriculum

