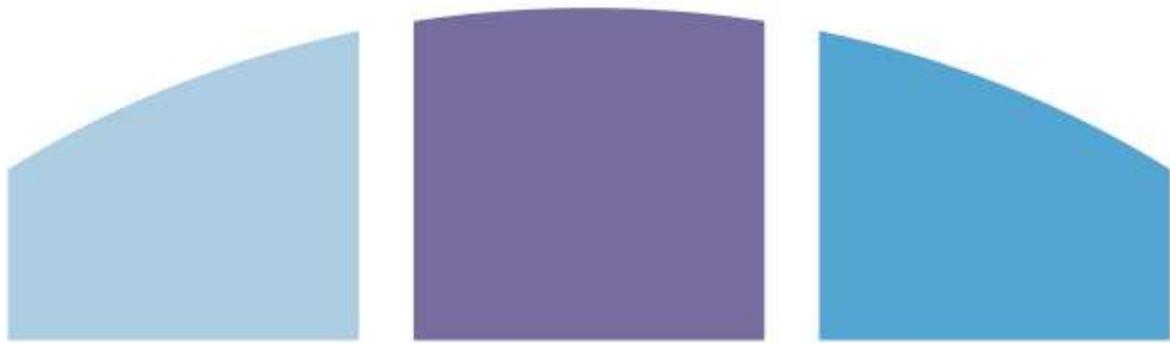


What are we learning this Term?

Year 7

January – April 2018



P A R K L A N E
A C A D E M Y

English

Subject Content	An introduction to analysing Literature <ul style="list-style-type: none">• Study a range of poems with a focus on 'The Lady of Shalott'• Study and learn about famous scenes from a range of plays by Shakespeare with a focus on 'A Midsummer Nights Dream' Writing in different literary forms
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Extended learning and how parents can help

Students could source and learn by heart verses or stanzas from other ballads like, *The Pied Piper* by Robert Browning, *All the Worlds a Stage* by William Shakespeare, *The Ballad of Reading Gaol* by Oscar Wilde, *A Ballad of Boding* by Christina Rossetti.

Key words to learn this term

- Shakespeare
- Insult
- Standard English
- Impact / Effect
- Performance
- Sonnet
- Stage and staging
- Tragedy
- Research
- Comedy
- Collaborate
- Representation
- The Globe
- Point / Evidence
- Annotate
- Explanation
- Interpretation
- Quotation
- Decode



Science



Subject Content

Human Biology

- What is inside or cells?
- How can cells be specialised
- How to use a microscope and make a slide
- Reproductive systems in males and females
- Fertilisation and pregnancy
- Infertility and how to treat this
- Enzymes why are they so important
- How much energy is in our food
- Respiration and the adaptation of the respiratory system

Particles 2

- How and why do things dissolve (solubility)
- How to separate mixtures using different techniques
- What are acids and alkalis, including the pH scale
- How to neutralise an acid

Extended learning and how parents can help

BBC bite size is an excellent resource to support your son/daughters learning at home. There are information pages, quizzes and videos to help support your son/daughters learning. If your son/daughter is struggling with any of the topic above please use bitesize as a reference point for support. To extend your son/daughters learning GCSE bitesize can be used to explore the topic further.

Key words to learn this term

- Fertilisation
- Gamete
- Respiration
- Enzymes

- Acids
- Alkalis
- Neutralisation
- Solubility
- Chromatography



Maths

Subject Content	<p>5 Fractions</p> <ul style="list-style-type: none">5.1 Comparing fractions5.2 Simplifying fractions5.3 Working with fractions5.4 Fractions and decimals5.5 Understanding percentages5.6 Percentages of amounts <p>6 Probability</p> <ul style="list-style-type: none">6.1 The language of probability6.2 Calculating probability6.3 More probability calculations6.4 Experimental probability6.5 FINANCE: Expected outcomes <p>7 Ratio and proportion</p> <ul style="list-style-type: none">7.1 Direct proportion7.2 Writing ratios7.3 Using ratios7.4 Scales and measures7.5 Proportions and fractions7.6 Proportions and percentages <p><u>Higher Ability to include</u></p> <p>Angles and shapes</p> <p>Polygons</p> <p>Decimals</p> <p>FINANCE: Working with percentages</p> <p>Dividing decimals</p> <p>Equations</p> <p>Solving one-step equations</p> <p>Solving two-step equations</p> <p>More complex equations</p> <p>Trial and improvement</p>
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Extended learning and how parents can help

The websites listed have revision materials to support all topics and levels. Please encourage your son/daughter to access the Powerpoints and videos to help with topics covered in lessons. Hegartymaths work will be set each week to be completed but extra work can always be accessed when required.

Key words to learn this term

Your son /daughter will be given keywords during the term based on topics covered.



History

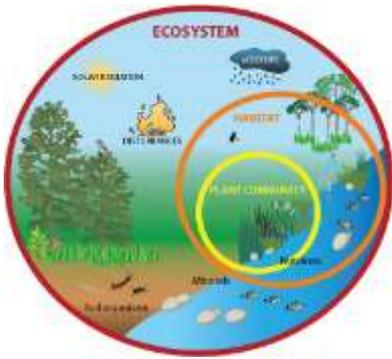
Subject Content	<p>Tudors – Henry VIII and Elizabeth will be studied</p> <p>This was a massive time of change as Henry VIII wanted to divorce his first wife and began a process of religious change in England from Catholicism to Protestantism. We will be looking at the importance of religion and how England broke away from the Catholic church because of Henry VIII's need for a divorce.</p> <p>Also the impact of Elizabeth on England and her involvement in the Spanish Armada will be studied and how Elizabeth dealt with the issue of religion and her cousin Mary Queen of Scots.</p> <p>Students will have the opportunity to study life in Tudor England including how Elizabethan's had fun. The topic of crime and punishment will also be studied in depth</p>
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Extended learning and how parents can help

BBC bitesize Elizabethan England
http://www.bbc.co.uk/bitesize/ks3/history/tudors_stuarts/elizabeth_i/revision/2/
History learning site Tudors
<http://www.historylearningsite.co.uk/tudor-england/>

Key words to learn this term

- Monasteries
- Pope
- Armada
- Protestant
- Catholic



Geography

<p>Subject Content</p>	<p>World Ecosystems Here students will explore the different ecosystems of the world, they will have the opportunity to study the different plants and animals that live in the different habitats. Students will develop a keen understanding of the different factors and conditions that create these unique ecosystems, and also the different threats that they face and what they can do to preserve these important aspects of nature.</p> <p>Africa and Development In this unit students have the opportunity to explore one of the worlds most interesting and diverse continents. Africa is home to some of the most celebrated animals in the world and students will investigate the different factors and conditions that have led to their unique development and that of their ecosystems. Africa is not only about stunning landscapes and interesting animals, it is also a study of real contrast, with rich and poor, students will investigate the reasons for the development gap between Africa and the rest of the world and evaluate the measures put in place to try and close this gap.</p>
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<p>Extended learning and how parents can help</p>	<p>There are a number of key websites that offer useful information and will allow students to develop their geographical skills: http://www.meteoheroes.com/en/ecosystems/ https://www.youtube.com/watch?v=bJOw5wc1Ybs https://www.youtube.com/watch?v=dTaWsFct32g http://www.kids-world-travel-guide.com/africa-facts.html http://www.oddizzi.com/teachers/explore-the-world/places/africa/</p>
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<p>Key words:</p>	<ul style="list-style-type: none"> • Ecosystem • Biome • Habitat • Tropical rain forest • Climate • Savannah • Desert • Temperate forest • Development gap • Colonisation • Large/small scale aid • Development indicators
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Technology and Literacy

Subject Content	<p>Each term students take part in one of these lessons. At the beginning of each new term the students rotate onto the next subject.</p> <ul style="list-style-type: none">• Resistant Materials• Food Technology• Literacy <p><u>Resistant Materials</u> Students will produce a focused 'design and make it' task. This project will introduce them to metals and their properties. Other topics to cover will include manufacturing techniques and evaluation techniques. The students will produce an aluminium/acrylic piece based upon initial letters. All supporting theory work will go into their books</p> <p><u>Literacy</u> Students will take baseline reading tests to find out their accelerated reading score. Students will then be guided to choosing an appropriate book to read and enjoy. When a book is finished students take an online comprehension test to check their understanding of their book – the result of the test shows the student which book to read next.</p> <p><u>Food Technology</u> <u>'Me in a kitchen'</u> In the first half of the term students are introduced to the Food Technology kitchen. Students will begin to use some of the basic equipment and learn the skills and techniques used in the preparation and cooking of food. There are two projects which both incorporate the importance of Health and Safety rules in the kitchen.</p> <p><u>'Healthy eating'</u> The second project follows on from the introductory unit 'Me in a Kitchen', and will re-enforce the health and safety requirements, plus the knowledge gained around equipment and cooking techniques, Students will be introduced to healthy eating and a balanced diet, based on the '5 a day' and '8 tips for healthy living' principles.</p>
Extended learning and how parents can help	<p><u>Resistant Materials</u> Students are encouraged to look at products around the home more thoroughly and start to investigate the materials used in their production. Encourage your child to read for pleasure and this can be magazines, websites as well as books. See the tips at the end of this booklet which give guidance on how you can support your child's reading.</p> <p><u>Literacy</u> Encourage your child to read for pleasure and this can be magazines, websites as well as books. See the tips at the end of this booklet which give guidance on how you can support your child's reading.</p> <p><u>Food Technology</u></p>
Key words to learn this term	<p><u>Resistant materials</u> Health & Safety, Quality, Organise, Tools, Machinery, Accurately, Design brief, Research, Design, Manufacture.</p> <p><u>Food technology</u> Weigh, Measure, Bridge, Claw, Hazard / Health and Safety, Balanced diet, Nutrients</p>



Physical Education

Subject Content	<p>Students will be performing and applying the basic skills of different sports during their Physical Education lessons. In year 8 these will become more consistently whilst acquiring more complex skills.</p> <p>They will begin to acquire the skills needed to be able to analyse and evaluate performance.</p> <p>Pupils will be given the opportunity to become players and officials when the situation arises.</p> <p>They will perform their skills in isolation as well as in competitive situations.</p> <p>Opportunities to further practice their skills will be available at lunchtime and after school clubs.</p> <p>Activities to be studied this term are Trampolining, Volleyball, Hockey, Fitness, Rugby, Badminton, Gymnastics, OAA/Leadership</p>
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Extended learning and how parents can help

Introduce to more clubs outside of school and encourage attending extra-curricular teams after school.

Key words to learn this term

Volley, Dig, Aesthetically pleasing, Flexibility, Smash, Serve, Orienteering, Communication, Team work



Music

<p>Subject Content</p>	<p>Guitar/ukelele starter project (6 weeks) – basic skills and chords (6 weeks)</p> <p>Cover songs (in bands) (6 weeks) – students will put together the rhythmic, melodic and chord skills that they have picked up so far in year 7 and put them in a band context. They will learn about cover versions of songs, be able to read song sheets and perform in front of their peers.</p>
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Extended learning and how parents can help

The best way to get better at musical instruments is to practice. If practical, rehearsing instruments at home would aid musical development.

Listening to a wide selection of musical styles will also allow a music student to expand their musical palate, and encourage appreciation of new musical genres and cultures.

Attending concerts or gigs will also show a student how musical skills are applied in the real world, and prepare learners for performances within school.

Key words to learn this term

- Strum/Fingering/Plectrum/Frets
- Strings and associated pitch names
- Chord/Pitch/Rhythm
- Cover versions
- Chorus/verse/middle 8
- Lyrics/rhyming schemes



Art and Textiles

Subject Content	'Elements': students initially explore the elements of art and design: line, tone, colour, texture, shape and pattern. This is made more challenging by combining these elements together whilst painting and printing an Impressionist landscape. Through these processes students get use to handling different materials and manipulating them.
Extended learning and how parents can help	Visit art galleries to explore how artists use line, colour, texture and shape to create work. Encourage your child to practice drawing techniques explored in lesson.
Key words to learn	Elements, tone, primary, secondary and tertiary colours, line, mark-making, texture, recording observations, analysing and evaluating



Computer Science

Subject Content	The term will be divided into two main projects. The first will be providing an opportunity to develop programming skills as well as create web sites. We will use Dreamweaver and learn how to build webpages and create a website as well as beginning to develop planning and design skills, acknowledging purpose and audience. Both year groups will then embark on a project to develop modelling skills, creating spread sheets, charts and graphs. Data will be analysed and presented in different ways.
Extended learning and how parents can help	Review web design and provide feedback for students to be able to develop their sites further. Access support videos and tutorials - www.teach-ict.com Discuss purpose and audience
Key words to learn this term	<ul style="list-style-type: none">• Purpose and audience• Web design• Authoring• File extensions• Site structure• Composition



CREaTE

Subject Content	CREaTE stands for Citizenship, Relationship, Employability and Theology Education with a different aspect of this being taught each half term. In year 7, half term three is Relationship and Sex education. The focus is on developing and maintaining healthy relationships and includes topics such as stereotyping, perfect partners and valuing diversity.
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A Parent's Guide to

ENCOURAGING A GROWTH MINDSET

What is a growth mindset?

Growth mindset is a concept developed by Carol Dweck, a Professor of Psychology at Stanford University. It is the belief that a person's abilities and intelligence can be developed through practice, hard work, dedication, and motivation.

What is a fixed mindset?

A fixed mindset is the notion that intelligence and talent alone will lead to success. People with a fixed mindset believe that these things are "fixed" and cannot be developed or improved upon. They believe that you are either born with it or not, and nothing can change that.

Why is having a growth mindset important?

Research has shown that children who have a fixed mindset are more likely to:

- Fear failure
- Give up on tasks they feel are too difficult
- Ignore feedback
- Avoid challenges
- Feel threatened by the success of others

Children who have a growth mindset are more likely to:

- Learn from their mistakes
- Be motivated to succeed
- Put forth more effort
- Take challenges head on
- Take risks
- Seek feedback
- Learn more
- Learn faster



The Do's and Don'ts of

ENCOURAGING A GROWTH MINDSET

By promoting a growth mindset, you can provide your child a sturdy foundation for future learning.

DON'TS



- Model a fixed mindset in your own life.
- React to problems negatively
- Allow your child to make excuses for poor work
- Give non-specific praise (e.g. "You did a good job on that")
- Allow your child to avoid challenges because of a fear of failure
- Compare your child to other children
- Praise effort if your child is not learning
- View intelligence and talents as most important
- Criticize your child for making mistakes

DO'S

- Model a growth mindset in your actions at home.
- Encourage effort and perseverance over fixed traits, such as intelligence and raw talent.
- Help your child to actively solve problems instead of reacting to problems.
- Give feedback without criticism and judgment.
- Choose specific actions to praise.
- Help your child develop goals in his everyday life
- Provide opportunities for your child to be challenged.
- Emphasize your child's ability to grow in all things.

