

PARKLANDS HIGH SCHOOL

SUBJECT TRANSITION



Subject introduction	Activities	Hints and tips
<p><u>GEOGRAPHY</u> In Geography we aim to enthuse students in an appreciation of the world that they live in. We all live on 'the same Earth' no matter what our race, religion, gender or political views are. Students will gain knowledge of the world which will enhance travel experiences in their later life. In Year 7 you will be learning about some major physical and human features such as Las Vegas, the Great Barrier Reef and Antarctica. You will then be learning about volcanoes and the Ice Age. The unit after that looks at Globalisation and sweatshops and finally we look at Chorley and carry out some fieldwork in Chorley town centre. Intermingled in these unit will be learning about mapwork and map skills. More specific details of what you will learn can be seen on the full school website Geography page.</p>	<p>Click here to try a quiz. (Game PIN: 075767030)</p> <p>Practise your map skills here</p> <p>Play GeoGuessr here</p>	<p>Please learn the ocean and continent names of the world before you start in September. You should also be able to locate England, Ireland, Northern Ireland and Scotland on a map and what their capital cities are called (and where they are). If you are bored in lockdown a good place to start thinking about Geography is by having a play on Google Earth. Find Las Vegas, the Great Barrier Reef and Antarctica.</p>
<p><u>SCIENCE</u> In Science we engage our future scientists by providing them with opportunities to develop their scientific knowledge through extensive practical work, group work and individual tasks. They will study Biology- "the scientific study of the natural processes of living things". Chemistry- "the scientific study of the characteristics of substances and the ways in which they react or combine" and Physics- "the scientific study of matter and energy and the effect that they have on each other". Have a look at the Science section on the Parklands website for more information on how the Biology, Chemistry and Physics topics are split up and have a go at the the activities here.</p>	<p>Have a go at the following Science practicals. You can do these at home. They're fun and you can get other family members involved. Biology: Extracting DNA. Chemistry: Make your own lava lamp. Physics: The 'protect the egg challenge'! Can you make something that would protect a raw egg when dropped out of a first floor window from everyday materials you can find around your house?</p>	<p>Make sure you are fully equipped for lessons. EVERY lesson you will need; Your exercise book. A pen, pencil, 30cm ruler, rubber, red pen, purple pen, glue stick, calculator, protractor. Have somewhere where you make a note of all your logins. For Science you will be invited to a Google Classroom page by your teacher and you will be given an Educake login. It makes it easier for you if you know where these are.</p>
<p><u>PE</u> In PE you will learn through a variety of sports including Basketball, Dance, Gymnastics, Rugby, and Football. During all lessons we have key learning centred around how to be healthy, how to be creative and how to perform in sport. Lessons are designed to be fun, engaging, and physically challenging. The current health crisis will have an impact on the way that PE is delivered, but we hope to be back to normal PE as soon as possible. When we know more about how PE can be delivered in September we will let you know.</p>	<p>The best thing you can do to be ready for PE at Parklands is to use this time now out of school to go running, walking or cycling to improve your cardiovascular fitness. Also try practicing some skipping, football or cricket if you have a sibling to play with to help improve your coordination with your feet and hands which are vital for most sports. These are just ideas but any physical activity and sport you do will always help you be prepared for PE lessons. Give anything a go, there is no better time to practise. No one gets worse by practising.</p>	<p>Make sure you always check what days you have PE on as they can be different for week 1 and week 2 of your timetable. You must always have all your PE kit for each PE lesson so you can safely and hygienically get involved in the learning. In addition even though most of your PE kit has your initials on it is very important that your name goes in your kit as well to help us return lost items.</p>

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<p>FOOD AND NUTRITION</p> <p>You will have a one hour lesson each week on your timetable for Food & Nutrition. You will be in the classroom on one week and the kitchen so we can cook the next week. This will continue throughout the whole of Year 7. You'll learn how to cook and the nutrition we need. Our main focus in year 7 will be learning about Food Safety, Healthy Eating and Where Our Food Comes From. We aim to make sure you love cooking, as learning how to cook is a life skill which will enable you to feed yourself and others in a healthy way, now and when you are older.</p>	<p>Look at this website. There are lots of recipes to choose from - the more cooking you can do at home before joining Parklands in September will give you more confidence in our kitchen! Remember to challenge yourself and ask an adult to help if needed!</p> <p>Look at this website. Here you will find lots of food related activities that can be completed at home!</p>	<p>Be aware of which lesson on your timetable is your Food Practical Lesson! Wk1 or Wk2? Bring your Food Recipe to every lesson. Check your recipe on Google Classroom and the date you will be cooking. Always remember to tell the person that helps you at home what ingredients you need and for when. Always remember your ingredients on the day of your lesson. Weigh out your ingredients at home to save time in the lesson – we only have one hour. Think, 'How will I carry this food home?' and bring a suitable named container/dish/bag etc. Always remember to bring a clean apron if you are using your own. Always make a name label for your finished food product at the end of the lesson and store safely in the fridge or cupboard. Remember to collect your finished food product from our Food kitchen S16 at the end of the day to take it home. Follow all the hygiene and safety rules you learn.</p>
<p>MFL (French and Spanish)</p> <p>In these lessons, you will learn about the culture, traditions and language of French and Spanish-speaking countries. Topics for Year 7 French will be Free time and School and Spanish will be Holidays and Family.</p>	<ol style="list-style-type: none"> 1. Visit Linguascope and complete any of the beginner level French and Spanish games. Username: parklands Password: tengoihave 2. Complete this gimkit assignment on French basics. 3. Complete this gimkit assignment on Spanish basics. <p>Remember to use the shop in gimkit to make sure you increase your money per question and remember to use multiplier!</p>	<p>Relax! Language learning isn't going to be hard and stressful and we will guide you through everything. You may not have studied French or Spanish before but that doesn't matter - any language learning is great and can help you! We've all learnt at least one language - English! You will be surprised how much that can help you too.</p> <p>Have a look at French and Spanish speaking countries online and read facts about their culture and Geography. You may be surprised as to which countries actually speak French and Spanish as their official language!</p>

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<p>DESIGN AND TECHNOLOGY</p> <p>In Design and Technology you will get the opportunity to make fully functioning products in response to different client briefs. To do this, you will learn to work through the different stages of the design process and develop an understanding of the theoretical and working properties of the materials you select. You will also get the opportunity to use tools, Equipment and machinery that you will not have had access to at Primary School. In order to prepare yourself for this, you will complete a 'Health and Safety Passport' to ensure you are both safe and confident in this new environment.</p>	<p>Modelling is a huge part of Design and Technology. It is a great way to judge how good a design idea is without taking too much time making it. Models are often better than drawings as you get to see your idea in 3D. You can also make it to scale, meaning you can see how big the final product will look. Another advantage of modelling is that you don't need to use good materials and advanced making skills. All you need is some old packaging, such as a cereal box, and some sellotape and/or a glue gun. You could choose to paint your model but this isn't always necessary. Your challenge is to make a model using some old packaging and glue or sellotape. You could make a model for either a birdhouse, bedside lamp, coffee table or a new coat (For this you could use some old fabric or paper). Try to make your model look like nothing that has been made before and don't forget to research some ideas from the internet and draw some rough sketches before you start.</p> <p>Click here for some ideas.</p>	<p>Everybody has the ability to be creative in Design and Technology. All you need to do is focus on the needs of your client/ customer and gather the right inspiration. There is lots of easily accessible inspiration out there thanks to the internet. Check out Pinterest or Etsy and search for craft ideas; you'll find lots of ideas for designs you can make from home with minimal resources. The D&T workshop can seem a bit daunting for year 7 to begin with, as some of the equipment can seem a bit loud and scary. In September you will be fully trained to ensure you are completely safe, so try to relax and enjoy it. It's also important to go at your own pace as different pupils have different starting points and some of you may have used the equipment already.</p>
<p>DRAMA</p> <p>In Drama, you will get the chance to interact with your peers and grow your team working skills. We do mostly practical work in Year 7 and you will have lots of opportunities to perform and lots of help to build your confidence so that you actually enjoy doing so. You will learn about different plays, playwrights and performance styles and get the chance to have a go at all of them in your class. Your classes will be active and you will get to work with a broad range of other pupils to help you to settle into high school and make new friends.</p>	<p>To get an idea of the type of things we will be looking at, you can use this website.</p>	<p>The best thing you can do to be prepared for your Drama lessons is to commit to having a go! Lots of pupils start high school thinking that Drama is not for them, some are even nervous about it! I want to reassure you that no-one will ever be asked to do anything that they can't do and that EVERYONE will be able to join in, even if you are nervous at first. Some of the best Drama students I have ever taught were really nervous at the start of Year 7 and went on to develop amazing skills and really enjoy their lessons. So, make sure you have a go and give it your best!</p>

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<p>RELIGIOUS STUDIES</p> <p>In Religious Studies (RS) you will learn about many different religions and worldviews. RS is a subject where we share our own views and opinions and study those of people all around the world. You will ask lots of questions about the world around us including; why are some people rich when others are poor? What is 'truth'? Is there life after death? Is there a God? Why are some people treated unfairly? The first topic you will look at when you start at Parklands will be looking at ultimate questions, asking 'are there any questions which we cannot answer?'.</p>	<p>Have a look at this page and this page on the BBC website about religions:</p> <p>Print out this grid and see if you can fill it in.</p>	<p>RS is all about asking questions, sharing your opinions and being respectful towards other people's views. Don't be afraid of sharing your views in your RS lessons. See if you can learn the names of the six largest world religions and a few facts about each religion. You do not need to be religious to do well at RS; we learn about religion and topics relating to religious belief and it is not about being religious yourself.</p>
<p>MATHS</p> <p>In Maths lessons you will extend upon a lot of the work you have covered in Numeracy during Primary School. We will look at lots of different areas of mathematics over your five years at Parklands. Mostly these fit under the categories of Number, Algebra, Ratio and proportion, Geometry and Measures, Probability and Statistics. You will recognise lots of things from Primary school but there is also lots more new and exciting maths to discover. In maths lessons at Parklands we like to not only look at new material but also involve lots of activities to make sure everybody understands everything really well but also to make sure you are all excellent at Problem solving</p>	<p>Ever wondered why we write our numbers in the way that we do? Click here to access a Google Drive folder containing a short video lesson and an accompanying worksheet. In this video we will explore our number system and where it came from. We will also design number systems for a beloved TV cartoon family and a variety of alien species.</p>	<p>Maths lessons will be much easier if you are always fully equipped. EVERY lesson you will need; A pen, pencil, ruler, rubber, red pen and purple pen. Compasses and a protractor will be needed for some lessons throughout the year. It will be much easier if every pupil has a specific scientific calculator. At Parklands we find that the Casio calculators are the easiest to use, with any of the following models having everything needed up until the end of your GCSE exams: (Fx-83GT, Fx-83GTX, Fx-83GTplus, Fx-83GTXplus, Fx-85GT, Fx-85GTX, Fx-85GTplus or Fx-85GTXplus). You will also use a couple of websites in Maths especially for your homework tasks and for keeping your maths knowledge refreshed. Therefore you will need to be organised and create passwords which are easy for you to remember but there's no need to worry about this as your maths teachers will show you all of this after you begin at Parklands</p>

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<p>MUSIC</p> <p>In Music lessons you will be learning about the different musical elements and using these to Perform and Compose music using both a mixture of Percussion Instruments and GarageBand. You will work closely with other students through group work to develop your performing skills and develop musical notation reading skills. You will learn to compose music and develop this in various GarageBand projects focussing on Rhythm, Melody, Texture, Harmony and Dynamics. Could you explain to use what these words mean when you arrive at Parklands? You will also have a chance to learn a musical instrument or continue learning if you started at Primary School with our specialist visiting teachers.</p>	<p>Have a look at these great lessons from BBC Bitesize on the musical elements that we will be looking at in Music lessons from September. You could also and have a go at the musical activities using Google Chrome Music Lab.</p>	<p>Quite simply - get involved and keep trying. You will learn to use many different instruments which you will have not used before and you will make lots of mistakes, but that is what learning is all about. All of your music lessons will focus on either Performing or Composing and will be linked to listening to particular styles and genres of music and understanding how music is made. Don't be afraid to get involved in our Junior Vocal Ensemble and our School Band. They are for all levels of musician!</p>
<p>ENGLISH</p> <p>In English you will build on your prior learning in literacy at Primary school. We will cover both English Literature and English Language extensively throughout your time at high school. You will explore lots of classic writers such as Charles Dickens, William Shakespeare and William Wordsworth. You will learn to write in many different styles, again building on skills you learned in Primary school. You will work on writing stories, poems, letters, articles, dairies and many more formats. In English lessons, you will visit our school Library and take part in our Accelerated Reader scheme, reading a wide variety of both fiction and non-fiction books for points for your House!</p>	<p>Have a look at the reading list. How many books can you read before you begin at Parklands?</p> <p>Try to read the six transition books listed here.</p>	<p>Read, read, read! That's the biggest tip we can give to all students coming into Parklands. Reading really does improve your mind and it helps you to develop in all subjects, not just English! Try to read things you enjoy whether that's fiction or non-fiction. Read the newspaper is great, even if it's just the odd article.</p>

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<p>COMPUTING</p> <p>In Computing you will learn about both software and hardware. You will learn about how programs are coded and you will have the opportunity to learn a programming language. You will learn the techniques used in coding new programs and apply them by making your own. You will also learn about computer hardware and how and why they use binary.</p>	<p>Try some of these coding games. Can you solve the maze game?</p> <p>Have you tried Scratch 3? Try making a game of your own design here.</p>	<p>When you start at Parklands you will be asked to setup a password for both our system and for your Google account. Think of something memorable that is at least 8 characters long. Don't worry about these systems though because your Computing teacher will show you all about them.</p> <p>In Computing, sometimes you don't solve problems straight away. It is expected that you will sometimes makes mistakes when coding and this is all part of learning so don't get too worried if you can't do something first time!</p>
<p>ART</p> <p>Here at Parklands we offer a high quality art and design education that will engage, inspire and challenge you, we aim to equip you with the knowledge and skills to experiment, invent and create your own works of art, craft and design. As you progress, you will be able to think critically and develop a more rigorous understanding of art and design. You will also learn how art and design both reflect and shape our history, and contribute to the culture, creativity and wealth of our nation.</p>	<p>Practise your drawing skills at home, especially through observation. Observe tone, texture, scale and composition. Consider practicing drawing a self portrait and bring it in during one of your first art lessons. Look into colour theory and get a head start identifying primary, secondary and tertiary colours. Consider colour mixing to create your own colour wheel. Have a look at youtube art tutorials like this one and art videos to help progress and inspire your own art.</p>	<p>Be prepared with resources, especially the basics like a pencil, rubber and sharpener. Having a range of good quality art resources will greatly benefit your artwork. Be creative, be imaginative and be fully engaged. Theres an exciting artistic journey ahead of you at Parklands, and you 'll love it.</p>
<p>HISTORY</p> <p>In History, you will learn about the lives of people in the past based on evidence. In effect you are like a detective, as you discover evidence, sort it and try to draw conclusions about what happened. In Year 7, you will be studying the Medieval period of History running into the early Tudor era. One thing we can promise you is it will be nothing like Primary school. We teach you how to interpret different historical sources and how to argue your point of view based on evidence. Flnally we realise that not everyone in the past is trustworthy.</p>	<p>Enhance your history detective skills by clicking here and discovering the mystery of Maiden Castle. The evidence is at the end of the presentation</p>	<p>Read, watch and visit all things History. There is something for everyone and you'll definitely find something you find fascinating. Work on your chronology. Make timelines of your favourite things. It could be the history of football, types of music, writers, fashion. You name it - it works with History. Try and think about why people say things. It isn't always to tell the truth; sometimes it is to influence things and make things happen. Look at social media or the news. Think about how this might apply there.</p>