

# SUNNYDOWN SCHOOL

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Headteacher Mr Paul Jensen B.Ed Grad Dip (SEBD) NPQH



Year 8 - Monday to Thursday						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	(Number) Basic operations, (Geometry and Measure) Area, (Geometry and Measure) Perimeter.	(Geometry and Measure) Volume, (Algebra) Number patterns, rules and formulae, (Geometry and Measure) Transformations.	(Number) Fractions, (Number) Percentages, (Number) Decimals, (Stats) Probability.	(Geometry and Measure) Time, (Geometry and Measure) Angles, (Geometry and Measure/Number) Estimation.	(Algebra) Trial and improvement, (Stats) Ratio, (Stats) Statistics.	(Number) Negative numbers, (Algebra) Co-ordinates, (Stats) Statistics questionnaire.
English	Narrative writing: Creating monsters!	Sherlock Holmes: Arthur Conan-Doyle (in depth author study) (PRE-1914)	Non-Fiction: Boxing to Argue [AFOREST].	<b>Poetry:</b> Poetry Through the Ages: developing an interest and appreciation for quality poetry.	Modern Novel: <b>Wonder</b> .	Autobiographical writing.
Science	Safety, Acids and Alkalis, Energy costs and Energy transfers.	Energy Costs and Energy Transfers, Light.	Universe, Current.	Current, Plant Reproduction.	Periodic Table and Elements, Human Reproduction.	Human Reproduction, Contact Forces and Pressure.
Art	The Formal elements. Exercises practicing line, tone, texture, form and space.	Clay work, pinch pots and tile work. Making a Christmas card to raise money for the school.	War art - painting, drawing, sculpture and textiles.	Animals studies. To make animal masks and visit Godstone farm and take photos.	Photography- to learn the basic principles and practices. Experimentation with photograms.	Digital art-looking at various forms and experimenting with digital software.
Citizenship/RE	1. Religious Views on Crime and Punishment 2. Secular and Religious Traditions.		Crime and Punishment: Trouble for Danny.	1. Ramadan and Hajj 2. Sikhism and Equality.	The Workings of Parliament: Law Making, Role of the Prime Minister, The EU.	Beliefs about Religion.
Communications	'I am Unique' Looking in to traits that make us individual and exploring similarities with our peers. Booklet based written work supported by planned games, drama, group interactions and the use of technology.		'The Body' Looking at what is on the inside and outside. Exploring the brain and how it controls our daily lives. Booklet based written work supported by planned games, drama, group interactions and the use of technology.		'Autism' Celebrating the positives and acknowledging the difficulties of living with autism and how autism covers a broad spectrum. Encouraging shared experiences with peers and looking into the lives of others who live on the spectrum. Celebrating the lives of famous people with autism and producing a Powerpoint and display to end this topic.	
Design Technology	Acrylic maze. Learning about different types of plastics and more advanced ways of joining them together. Using moulds to form plastic shapes using the oven.	Introduction to metal work. Creating a hanging basket bracket from mild steel and using the forge area safely.	Bird boxes. Investigating different woods and understanding their properties and sustainability. Create a weather proof birdbox.	Mitre jointed box. Creating accurate mitre joints using sanding jigs. Understanding what makes a product look good.	Pin ball machine. More advanced work using mechanisms. Developing measuring and accurate cutting skills.	Electronic torch project. Intermediate electronics project and creating a torch case using skills learnt from other projects.
Food Technology	Recap of Health & Safety. Baking skills and the required techniques. Energy balance and hydration.	Functions of ingredients. Christmas baking and decorating.	Nutritional Lunch Options. Re-visiting knife skills. Food storage and how to reduce waste.	Desserts. The functions of ingredients and their effect on our health.	Easy Main Courses, Adaptions, Presentation, Staple Foods.	International cooking - China, India, Mexico, Italy.

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Humanities	Henry VIII: Was Henry VIII a great King or tyrant? Who were his 6 wives?	Rock Cycle: What do we use rocks for? Discover the different types of rock and their properties.	Parliament: learn about the UK Parliament through time and democracy.	Disasters: Discover natural disasters and how they can affect the world around us.	Cromwell and Civil War: Was Oliver Cromwell the Lord Protector of England, Scotland and Ireland, who saved them from Charles' tyranny or a cruel and harsh dictator?	Geography and Sport: Understand that global sports can bring significant social and economic benefits to a country.
PE	Football, Tag-Rugby.	Badminton, Dodgeball/Uni-hoc.	Gymnastics, Football.	Basketball, Ultimate Frisbee.	Tennis, Cricket/Rounders.	Athletics, Wide Games.
PSHE	Working on my own, emotions, working with others, self-esteem, coping strategies, personal identity, Prejudice, bullying, stereotypes and discrimination.		Healthy eating, healthy lifestyle, E-safety, drugs, smoking, risks and reducing risk. (RSE) puberty, changes during puberty, keeping safe, relationships, separation and divorce.		(RSE) HIV and AIDS. Keeping safe, e-safety, first aid, emergency services, influences on spending money, budgeting, making a difference, SMSC week planning/team building, gambling, rights and responsibilities, looking to future and review.	