

Course Summary 2017-18: Year 10 & 11 Art (Arts faculty)

Course leader	Mrs Harrington (charrington@rushcliffe.notts.sch.uk)
Exam board, course code and link	OCR J171 http://www.ocr.org.uk/qualifications/gcse-art-and-design-j170-j176-from-2016/
Key themes / topics taught	Students follow the OCR examination syllabus. The project is based on celebrity icons and linked to Pop Art. They explore a variety of techniques, materials and process to equip them with different skills. In January of year 11 pupils begin the set task or their final GCSE Art exam. They chose from a list of starting points given by OCR. They then produce a body of work inspired but their starting point. This completed in eight weeks.
How pupils are assessed	Continual assessment in line with exam board assessment requirements. Coursework portfolio project is assessed on completion. Coursework is worth 60% and exam is worth 40% of the final GCSE grade.
Support available in school and/or online	Booster sessions are in place for GCSE students on Tuesdays and Thursdays from 3.15-4.15pm. There are resources on Moodle and Show My Homework.
Homework information	Homework is set regualry usually involving tasks being completed in students own time or preparing for next lesson.
How pupils can extend their learning outside lessons or at home	Booster sessions are in place for GCSE students on Tuesdays and Thursdays from 3.15-4.15pm. Visiting art galleries, Instagram, Pinterest, practicing observational drawing.
Other information	Students sit a 10 hour mock exam in December of year 10 to complete their portfolio project. They also sit a 10 exam in March of year 11 to complete a final response to their exam project.

Course Summary 2017-18: Year 10 & 11 Biology (Science faculty)

Course leader	Mr Malloney (cmalloney@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8461 http://www.aqa.org.uk/subjects/science/gcse/biology-8461
Key themes / topics taught	<ol style="list-style-type: none"> 1. Cell biology 2. Organisation in plants and animals 3. Infection and response 4. Bioenergetics 5. Homeostasis and response 6. Inheritance, variation and evolution 7. Ecology
How pupils are assessed	Students will sit two equally weighted exams in May or June of the Y11 Summer Term. The papers are both 1 hour 45 minutes long and contain questions that are a mix of style (multiple choice, structured, closed short answer and open response).
Support available in school and/or online	Student can access revision materials and practice questions through the Science Moodle page. They can also find subject specifications and other relevant course information.
Homework information	Homework is set weekly; this will be a combination of paper based tasks and Educake Online Science Homework
How pupils can extend their learning outside lessons or at home	<p>Students that wish to extend their learning are encouraged to consider the wider context of what they are studying and explore its real life applications. They can do this by doing some extra reading.</p> <p>The following websites contain up to date science news that will allow them to search for articles that are of interest:</p> <p>https://www.rsb.org.uk/ - Royal Society of Biology Website</p> <p>http://www.bbc.co.uk/news/science_and_environment</p> <p>https://www.theguardian.com/science/biology</p> <p>https://www.sciencedaily.com/news/plants_animals/biology/</p>
Other information	

Course Summary 2017-18: Year 10 Business Studies (Humanities faculty)

Course leader	Miss McLoone (mmcloone@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8132 http://www.aqa.org.uk/subjects/business-subjects/gcse/business-8132
Key themes / topics taught	Students apply their knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts. Students develop an understanding of how these contexts impact on business behaviour. Topics include: Business in the real world, Influences on business, Business operations, Human resources, Marketing and Finance.
How pupils are assessed	2 x Written exam: 1 hour 45 minutes 90 marks on each paper Both papers 50% of GCSE
Support available in school and/or online	Some course resources including revision presentations can be found on Moodle in the GCSE section. The course text book, AQA GCSE Business and other supplementary resources are available in the LRC. During Year 11 revision resources, including a suggested timetable and dates for revision sessions will be sent home. Teachers are available to offer extra support as required. Students need to arrange a suitable time with their teacher.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Listen to the news. Read BBC business webpage. Talk with parents about their experiences in business.
Other information	Students will visit Alton Towers for a marketing seminar. We will purchase revision guides and workbooks to sell to students at a rate lower than the RRP.

Course Summary 2017-18: Year 10 & 11 Chemistry (Science faculty)

Course leader	Mr Malloney (cmalloney@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8462 http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462
Key themes / topics taught	1 Atomic structure and the periodic table 2 Bonding, structure, and the properties of matter 3 Quantitative chemistry 4 Chemical changes 5 Energy changes 6 The rate and extent of chemical change 7 Organic chemistry 8 Chemical analysis 9 Chemistry of the atmosphere 10 Using resources
How pupils are assessed	Students will sit two equally weighted exams in May or June of the Y11 Summer Term. The papers are both 1 hour 45 minutes long and contain questions that are a mix of style (multiple choice, structured, closed short answer and open response).
Support available in school and/or online	Student can access revision materials and practice questions through the Science Moodle page. They can also find subject specifications and other relevant course information.
Homework information	Homework is set weekly; this will be a combination of paper based tasks and Educake Online Science Homework
How pupils can extend their learning outside lessons or at home	Students that wish to extend their learning are encouraged to consider the wider context of what they are studying and explore its real life applications. They can do this by doing some extra reading. The following websites contain up to date science news that will allow them to search for articles that are of interest: https://www.chemistryworld.com/news http://www.rsc.org/news-events/ - Royal Society of Chemistry Website http://www.bbc.co.uk/news/science_and_environment https://www.theguardian.com/science/chemistry https://www.sciencedaily.com/news/matter_energy/chemistry/
Other information	

Course Summary 2017-18: Year 10 & 11 Combined Science: Trilogy (Science faculty)

Course leader	Mr Malloney (cmalloney@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8464 http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464
Key themes / topics taught	<p>Biology: Cell biology; Organisation; Infection and response; Bioenergetics; Homeostasis and response; Inheritance, variation and evolution; Ecology</p> <p>Chemistry: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; Energy changes; The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; Using resources</p> <p>Physics: Energy; Electricity; Particle model of matter; Atomic structure; Forces; Waves; Magnetism and electromagnetism</p>
How pupils are assessed	Students will sit six equally weighted exams in May or June of the Y11 Summer Term. The papers are all 1 hour 15 minutes long and contain questions that are a mix of style (multiple choice, structured, closed short answer and open response). There are 2
Support available in school and/or online	Student can access revision materials and practice questions through the Science Moodle page. They can also find subject specifications and other relevant course information.
Homework information	Homework is set weekly; this will be a combination of paper based tasks and Educake Online Science Homework
How pupils can extend their learning outside lessons or at home	<p>Students that wish to extend their learning are encouraged to consider the wider context of what they are studying and explore real life applications. The following websites contain up to date science news that will allow them to search for articles of interest:</p> <p>http://www.bbc.co.uk/news/science_and_environment</p> <p>https://www.theguardian.com/science/physics</p> <p>https://www.sciencedaily.com/news/matter_energy/chemistry/</p> <p>https://www.sciencedaily.com/news/top/technology/</p> <p>https://phys.org/physics-news/</p> <p>http://www.iop.org/news/index.jsp</p> <p>http://physicsworld.com/cws/channel/news</p> <p>https://www.chemistryworld.com/news</p> <p>http://www.rsc.org/news-events/ - Royal Society of Chemistry Website</p> <p>http://www.bbc.co.uk/news/science_and_environment</p> <p>https://www.theguardian.com/science/chemistry</p> <p>https://www.sciencedaily.com/news/matter_energy/chemistry/</p> <p>https://www.rsb.org.uk/ - Royal Society of Biology Website</p> <p>http://www.bbc.co.uk/news/science_and_environment</p> <p>https://www.theguardian.com/science/biology</p> <p>https://www.sciencedaily.com/news/plants_animals/biology/</p>
Other information	

Course Summary 2017-18: Year 10 & 11 Computer Science (Computing faculty)

Course leader	Mr Salmeron (asalmeron@rushcliffe.notts.sch.uk)
Exam board, course code and link	Eduqas C500QS http://www.eduqas.co.uk/qualifications/computer-science/gcse/
Key themes / topics taught	Understanding Computer Science Computational Thinking and Programming Software Development
How pupils are assessed	Written Examination: 1hr 45mins – (50% of Qualification) On screen examination: 2hrs – (30% of Qualification) Coursework: 20 Hrs. (20% of qualification)
Support available in school and/or online	All Teaching and learning resources, presentations and activities used in the classroom are available in the Moodle area for the course, along with sample assessment materials and examples, revisions activities and exam board documents.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	On-line: E-Chalk: Computer Science course (available through Moodle), https://www.greenfoot.org/doc & https://www.w3schools.com/ - pupils need to know Greenfoot and HTML for the practical exam. https://www.codecademy.com/ - Code Academy for help learning Coding.
Other information	There is a well-attended Code Club in school for students looking to apply their knowledge and explore new applications of their coding skills with likeminded people.

Course Summary 2017-18: Year 10 & 11 Construction and the Built Environment (Innovations faculty)

Course leader	Mr Dunning (jdunning@rushcliffe.notts.sch.uk)
Exam board, course code and link	Edexcel 6817 http://qualifications.pearson.com/en/qualifications/btec-firsts/construction-and-the-built-environment-2013-ngf.html
Key themes / topics taught	<ol style="list-style-type: none"> 1. Construction Technology – Learning about the materials and components of a building. This is the examinable component 2. Construction Design – Students to learn about how to design buildings using creative measures and building regulations 3. Science and Mathematics in Construction - Students learn about trigonometry and elasticity in materials 4. Carpentry and Joinery – This is a practical unit. Students learn to work with different types of wood and wood joints out, carpentry tools and make a window frame lining for the actual project work.
How pupils are assessed	Students are assessed using the four units. Three units are done using specific criteria which is marked, internally and externally moderated. The fourth unit is the external assessment in the form of an exam.
Support available in school and/or online	Mr. Dunning will be available outside of classroom hours. There are also Show My Homework tasks for the students to do which will enable continued learning at home. Moodle on the school website is also available.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Complete the homework and revise any work completed in the classroom. Also watching approved building television programs to get a gist of building processes and materials people use is good for a basic knowledge of the qualification (Grand Designs, The Restoration Man). Looking at www.citb.co.uk for career options and useful tips on building matters.
Other information	

Course Summary 2017-18: Year 10 & 11 Creative Studies: Craft (Innovations faculty)

Course leader	Mr Dunning (jdunning@rushcliffe.notts.sch.uk)
Exam board, course code and link	NCFE 0043 https://www.ncfe.org.uk/qualification-search/ncfe-level-2-certificate-in-creative-studiescraft-1277.aspx
Key themes / topics taught	<p>Unit 1 – Planning to make a craft product. Students research, using primary and secondary information, around the subject of Craft items to decide what product to make. Students will also make some products using different materials to help them choose a suitable craft item.</p> <p>Unit 2 – Designing a Craft Product. Students are to design lots of different types of their craft item and come up with a final working drawing. Students will also make a model of their final work.</p> <p>Unit 3 – Examinable Component. Students undertake a 30hour design exam.</p> <p>Unit 4 – Making and presenting a craft Item. Students make their chosen craft item and display their work. They also look at career opportunities</p>
How pupils are assessed	For the coursework elements to the qualification, students carry out their work producing a folder which is marked, internally and externally moderated. The examinable component is a 30 hour exam. 15 hours can be used for research using books, magazines a
Support available in school and/or online	Mr. Dunning will be available outside of classroom hours. There are also Show My Homework tasks to help with the design exam.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Watching Craft programs (The Great Sewing Bee), reading around the subject area and looking at products for sale in specialist Arts and Crafts shops. Reading up on famous designers/Craftspeople/Engineers (Charles Rennie MacKintosh, Isambard Kingdom Brunel).
Other information	

Course Summary 2017-18: Year 10 & 11 Drama (Arts faculty)

Course leader	Mrs Wilson (jwilson@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8261 http://www.aqa.org.uk/subjects/drama/gcse/drama-8261
Key themes / topics taught	Knowledge and understanding of drama and theatre. Study of set play: Noughts and Crosses. Analysis and evaluation of the work of live theatre. Process of creating devised drama. Performance of devised drama (students may contribute as performer or designer). Analysis and evaluation of own work. Performance of two sections of a set play.
How pupils are assessed	Written exam, 80 marks (1hr 45mins) – 40% Devising log (60 marks) and devised performance (20 marks) – 40% Performance of two extracts from Noughts and Crosses (40 marks) 20%
Support available in school and/or online	Show My Homework, Edmodo, GCSE Bitesize, Digital Theatre (online resource for students to watch recorded live productions), LRC has a GCSE section with theoretical texts to help support students.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Research into theatre styles – Brecht, Stanislavski, Artaud, Brook, Grotowski. Watching productions out of school, amateur or professional, musical, drama, dance based to help with the written exam. Students are also invited to be involved in school productions each year. Trips are available yearly on a first come, first served basis.
Other information	Students are given the opportunity for a subject ambassador role. Students complete an application form and then a few students are selected from this process. They are given roles such as running drama clubs, involvement in open evenings and taking part

Course Summary 2017-18: Year 10 & 11 English Language (English faculty)

Course leader	Miss Cooke (lcooke@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8700 http://www.aqa.org.uk/subjects/english/gcse/english-language-8700
Key themes / topics taught	GCSE AQA English Language Unit 1 – Explorations in Creative Reading and Writing (50%) GCSE AQA English Language Unit 2 – Writers’ Viewpoints and Perspectives (50%) Spoken Language endorsement
How pupils are assessed	Students are assessed for each unit using the GCSE English Language mark schemes.
Support available in school and/or online	Pupils can see their English teacher during break or lunchtime for extra support if needed (pupils need to arrange this by prior request). Revision material is available on Moodle. Revision guides are offered for sale and available in the LRC. Revision sessions will be on offer prior to exams.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Make use of revision guides and revision material on Moodle. Wider reading of fiction and non-fiction texts.
Other information	

Course Summary 2017-18: Year 10 & 11 English Literature (English faculty)

Course leader	Miss Cooke (lcooke@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8702 http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702
Key themes / topics taught	GCSE English Literature Unit 1 – Shakespeare and the 19th Century Novel (40%): ‘Macbeth’, ‘Dr Jekyll and Mr Hyde’ or ‘A Christmas Carol’ GCSE English Literature Unit 2 – Modern Texts and Poetry (60%): ‘An Inspector Calls’, ‘Love and Relationships’ Anthology Poetry, Unseen Poetry
How pupils are assessed	Pupils are assessed for each unit using the GCSE English Literature mark schemes.
Support available in school and/or online	Pupils can see their English teacher during break or lunchtime for extra support if needed (pupils need to arrange this by prior request). Revision material is available on Moodle. Revision guides are offered for sale and available in the LRC. Revision sessions will be on offer prior to exams.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Make use of revision guides and revision material on Moodle. Re-read set texts. Learning key quotes.
Other information	

Course Summary 2017-18: Year 10 Fashion and Textiles (Innovations faculty)

Course leader	Mrs Lacey (tlacey@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 3720 http://www.aqa.org.uk/subjects/design-and-technology/technical-award/fashion-and-textiles-3720
Key themes / topics taught	Construction skills Teamwork Production planning Construction and finishing ICT – CAD/CAM Fundamentals of fashion and textiles
How pupils are assessed	30% Internally assessed - Skills demonstrated 30% Internally assessed – Extended making project 40% External examination
Support available in school and/or online	Lunch time and afterschool coursework catch up and revision sessions available on Thursdays or on request in room 104/102 http://www.getrevising.com http://www.bbc.co.uk/schools/gcsebitesize/design/textiles/
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Machine practice if possible (this can be done in school). Hand sewing practice. Revision websites.
Other information	

Course Summary 2017-18: Year 10 & 11 Food and Cookery (Innovations faculty)

Course leader	Mrs Lacey (tlacey@rushcliffe.notts.sch.uk)
Exam board, course code and link	NCFE 4533 https://www.ncfe.org.uk/qualification-search/ncfe-level-2-certificate-in-food-and-cookery-2019.aspx
Key themes / topics taught	Unit 1 – Preparing to cook Unit 2 - Understanding food Unit 3 – Exploring balanced diets (exam module) Unit 4 – Plan and prepare dishes in response to a brief
How pupils are assessed	Internally assessed and moderated. Externally verified for units 1,2,4 External exam unit 3 – November with a possible retake March
Support available in school and/or online	NCFE website. Allocated external moderator for 2 free visits per year re moderation and advice/support. Individual support available after school on a Thursday or other days on request. Practice cooking at home.
Homework information	Homework is set weekly - this mainly involves preparation for cooking.
How pupils can extend their learning outside lessons or at home	Pupils could use time to prepare work or assessed areas prior to the lesson.
Other information	Career pathways discussed. Pupils should be able to bring in ingredients for cooking when needed approximately once a week.

Course Summary 2017-18: Year 10 & 11 Food Preparation and Nutrition (Innovations faculty)

Course leader	Mrs Lacey (tlacey@rushcliffe.notts.sch.uk)
Exam board, course code and link	OCR J309 http://www.ocr.org.uk/qualifications/gcse-food-preparation-and-nutrition-j309-from-2016/
Key themes / topics taught	The major commodity groups are studied in all of the following sections: A Nutrition, B Food provenance and food choice, C Cooking and food preparation, food safety. D Food preparation and cooking techniques
How pupils are assessed	Written examination at the end of the course – 50% of total GCSE Food investigation task – 15% of total GCSE Food preparation task – 35% of total GCSE
Support available in school and/or online	Individual pupil support is available every Thursday or other days on request.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Use the textbook, ‘Food preparation and Nutrition’. Cook as much as possible at home. Watch programmes about food preparation and presentation and be aware of current food issues.
Other information	Pupils should be able to bring ingredients in from home when requested, usually once a week. The set textbook is very helpful for learning the course content and will be used in lessons and for homework.

Course Summary 2017-18: Year 10 & 11 French (Languages faculty)

Course leader	Mrs Van der Velden (pvandervelden@rushcliffe.notts.sch.uk)
Exam board, course code and link	Eduqas 8900 http://www.eduqas.co.uk/qualifications/french/gcse/
Key themes / topics taught	Identity and culture: youth culture; lifestyle; customs and traditions Local, national and global areas of interest: home and locality; France and French-speaking countries; global sustainability Current and future study and employment: current study; the world of work; jobs and future plans
How pupils are assessed	Listening assessments, reading assessments with translation French-English, free writing assessments, role plays, picture cards, general conversation, mock exams
Support available in school and/or online	KS4 French club on Tuesday lunch time in room 242 with Mrs Thomas-Martinez https://www.memrise.com/ for topic specific vocabulary https://quizlet.com/en-gb for topic specific vocabulary http://www.wordreference.com/ useful and reliable online dictionary http://www.languagesonline.org.uk/ for grammar and verb conjugation http://www.linguascope.com/ for topic based activities and vocabulary
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Regular revision on Memrise and Linguascope. Grammar practice on languagesonline.org. Revision of vocabulary and grammar in the red exercise books. Wider reading and listening through songs and youth magazines online.
Other information	

Course Summary 2017-18: Year 10 & 11 Further Mathematics (Mathematics faculty)

Course leader	Mr Bonella (jbbonella@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8360 http://www.aqa.org.uk/subjects/mathematics/aqa-certificate/further-mathematics-8360/past-papers-and-mark-schemes
Key themes / topics taught	It gives high achieving students an introduction to AS level topics that will help them to develop skills in: Algebra, Geometry, Calculus, Matrices, Trigonometry, Functions, Graphs.
How pupils are assessed	Assessment is linear: paper 1, the written paper (non-calculator) carries 40 per cent of marks and paper 2, written paper (calculator) carries 60 per cent of marks.
Support available in school and/or online	Please always come and see your teachers if you are stuck at any break or lunch. Mymaths.co.uk – all pupils have a unique login. Vle.mathswatch.co.uk – for questions and videos when you get stuck.
Homework information	Homework may be set but it is likely pupils homework will be from the GCSE course.
How pupils can extend their learning outside lessons or at home	Nrich.org – for problem solving maths.
Other information	This is an additional qualification. This course will likely involve a commitment to attend a twilight lesson each week. Due to the rigor of both this course and the maths GCSE this additional qualification will, in all likelihood, only be appropriate for

Course Summary 2017-18: Year 10 & 11 Geography (Humanities faculty)

Course leader	Mrs Barraclough (tbarracough@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8035 http://www.aqa.org.uk/subjects/geography/gcse/geography-8035
Key themes / topics taught	<p>Paper 1: Living with the physical environment, this includes 3 main themes; The challenge of natural hazards, the Living world and physical landscapes in the UK.</p> <p>Paper 2: Challenges in the human environment, this includes 3 main themes; Urban challenges, the changing economic world and the challenge of resource management.</p> <p>Paper 3: Geographical applications, this includes an issue evaluation and fieldwork and geographical enquiry.</p>
How pupils are assessed	<p>3 examinations in the summer of Year 11.</p> <p>Paper 1 and Paper 2, 1 hour 30 minutes per examination, each is worth 35% of the final GCSE grade.</p> <p>Paper 3, 1 hour 15 minutes, worth 30% of the final GCSE grade.</p>
Support available in school and/or online	<p>Course resources including revision activities can be found on Moodle in the GCSE section. The course text book, AQA GCSE Geography and other supplementary resources are available in the LRC. During Year 11 revision resources, including a suggested timetable and dates for revision sessions will be sent home. Teachers are available to offer extra support as required. Students need to arrange a suitable time with their teacher.</p>
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	<p>Compile revision materials throughout the course. Summarising notes at the end of topics as part of revising for end of unit assessments. Read newspaper articles and watch documentaries appropriate to the topics we study.</p>
Other information	<p>Students will participate in 2 field trips. 1 in each year. We will purchase revision guides and workbooks to sell to students at a rate lower than the RRP.</p>

Course Summary 2017-18: Year 10 & 11 History (Humanities faculty)

Course leader	Mrs Jenkins (sjenkins@rushcliffe.notts.sch.uk)
Exam board, course code and link	Edexcel 1H10 https://qualifications.pearson.com/en/qualifications/edexcel-gcses/history-2016.html
Key themes / topics taught	Medicine 1250 to today, including the impact of World War One on Medicine Germany 1918 to 1939 Elizabeth 1558 to 1589 The American West, c1835–c1895
How pupils are assessed	3 exams at the end of year 11
Support available in school and/or online	Revision sessions as appropriate.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Compile revision materials throughout the course. Summarising notes at the end of topics as part of revising for end of unit assessments. Read newspaper articles and watch documentaries appropriate to the topics we study. Follow us @ks4hist for links to documentaries etc.
Other information	There is an optional visit to Berlin at the end of year 10. We also spend a day at the Holocaust Centre in Laxton (formally Beth Shalom) at the end of year 10 or start of year 11.

Course Summary 2017-18: Year 10 Information Technology (Computing faculty)

Course leader	Mr Salmeron (asalmeron@rushcliffe.notts.sch.uk)
Exam board, course code and link	Edexcel CiDA http://qualifications.pearson.com/en/qualifications/digital-applications-cida-dida/cida-2012.html
Key themes / topics taught	Unit 1: Developing Web Products: This unit aims to give you the knowledge and skills you need to produce attention grabbing web products using web authoring software, multimedia assets and navigation features. Unit 4: Game Making: The computer game industry is one of the fastest-growing sectors of the economy. In this unit you will learn about different types of computer games, investigate what makes a game successful and learn how to plan, design and create great games for others to play
How pupils are assessed	Unit 1: A 2.5 Hour practical On-Screen task- Externally Marked.- 25% of Total grade Unit 4: a 90 Hour Project Internally marked- Externally Moderated.-75% of Total Grade
Support available in school and/or online	There will be a moodle area with all Teaching and learning resources, presentations and activities used in the classroom are available in the Moodle area for the course, along with sample assessment materials and examples, revisions activities and exam board documents.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	There are numerous youtube channels with guides to making games in GameMaker 8. There are also numerous tutorials for SERIF draw plus and Serif Web plus for Unit 1.
Other information	Much of the work for this course will be completed in Serif web-Plus and Serif Draw Plus. These can be acquired for a discount price through Serif. GameMaker is freely available.

Course Summary 2017-18: Year 10 & 11 Mathematics (Mathematics faculty)

Course leader	Mr Bonella (jbbonella@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8300 http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300
Key themes / topics taught	<p>Maths is for everyone. It is diverse, engaging and essential in equipping students with the right skills to reach their future destination, whatever that may be. We have invested a lot of time in developing our pedagogy around problems solving and as a result are well equipped to support pupils through the challenge of the new GCSE.</p> <p>Content: 3.1 Number, 3.2 Algebra, 3.3 Ratio, proportion and rates of change, 3.4 Geometry and measures, 3.5 Probability, 3.6 Statistics.</p>
How pupils are assessed	Three, one and a half hour exams at the end of year 11 for the GCSE. To help us track progress we have a unit test every half term, an end of year mock in year 10 and mocks in year 11.
Support available in school and/or online	<p>Please always come and see your teachers if you are stuck at any break or lunch.</p> <p>Mymaths.co.uk – all pupils have a unique login.</p> <p>Vle.mathswatch.co.uk – for questions and videos when you get stuck.</p>
Homework information	Homework is set weekly; homework will be electronic (e.g. mymaths or mathswatch) every other week.
How pupils can extend their learning outside lessons or at home	Nrich.org – for problem solving.
Other information	

Course Summary 2017-18: Year 10 & 11 Mathematics (Entry Level) (Mathematics faculty)

Course leader	Mr Bonella (jbbonella@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 5930 http://www.aqa.org.uk/subjects/mathematics/elc/mathematics-5930
Key themes / topics taught	This is a great course that give pupils, who the GCSE is not appropriate for, the chance to shine brightly. Pupils learn vital key skills that will support them in the numeracy of life.
How pupils are assessed	Pupils are assessed and a portfolio is submitted by the class teacher. Each complete portfolio should contain eight components of work made up of between four and eight external assignments; these are provided to us by AQA. Any remaining components can be
Support available in school and/or online	Please always come and see your teachers if you are stuck at any break or lunch. Mymaths.co.uk – all pupils have a unique login. Vle.mathswatch.co.uk – for questions and videos when you get stuck.
Homework information	Homework is set weekly; homework will be electronic (e.g. mymaths or mathswatch) every other week.
How pupils can extend their learning outside lessons or at home	Nrich.org – for problem solving maths.
Other information	

Course Summary 2017-18: Year 10 Media Studies (English faculty)

Course leader	Miss Balchin (gbalchin@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8572 http://www.aqa.org.uk/subjects/media-studies/gcse/media-studies-8572
Key themes / topics taught	Media Language and Terminology Genre codes and conventions Audience and representation Industry and institutions
How pupils are assessed	Media One: 1 hour 30 minutes 84 marks 35% of GCSE Media Two: 1 hour 30 minutes 84 marks 35% of GCSE Non-exam assessment: creating a media product: 72 marks 30% of GCSE All marked using AQA Media GCSE Mark schemes
Support available in school and/or online	Pupils can see their Media Studies teacher during break or lunchtime for extra support if needed (pupils need to arrange this by prior request). Media catch-up sessions will take place every Thursday afterschool.
Homework information	Homework is set fortnightly.
How pupils can extend their learning outside lessons or at home	Consolidation of class notes. Pre-reading and re-reading of CSPs. Learning terminology.
Other information	

Course Summary 2017-18: Year 10 & 11 Music (Arts faculty)

Course leader	Mr Barraclough (mbarraclough@rushcliffe.notts.sch.uk)
Exam board, course code and link	OCR J536 http://www.ocr.org.uk/qualifications/gcse-music-j536-from-2016/
Key themes / topics taught	AoS1: My Music AoS2: Concerto Through Time AoS3: Rhythms of the World AoS4: Film Music AoS5: Conventions of Pop
How pupils are assessed	The GCSE Music course is linear, with all official assessments occurring at the end of the two-year course. Coursework is split up as following: 30% on two performances using instrument or voice. These are not public performances and can be chosen by the student; 30% on two compositions, one of them to a set brief and one is a free composition. 40% on a listening & appraising examination based on AoS2-5. This is 1h30m in length and is sat at the end of the course.
Support available in school and/or online	Students will have access to a virtual classroom via Edmodo which will contain a vast array of resources, examples of outstanding work and access to teaching staff outside of lesson hours. Students will also receive an account for Noteflight, an online notation platform which will allow learners to write music for coursework both in classroom and at home on a range of devices.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	The department offers a range of performance opportunities throughout the year, as well as a music tour in a different country each year. Previous tours include Belgium and Italy. Key Stage 4 & 5 students are given priority spaces. Composition workshops and access to the recording studio are available throughout the year, as well as opportunities to visit different venues within the industry, such as Rock City. Students will also have access to Spotify playlists with many hours' worth of listening examples for AoS2-5.
Other information	

Course Summary 2017-18: Year 10 & 11 Physical Education (Physical Education faculty)

Course leader	Mr Crawley (lcrawley@rushcliffe.notts.sch.uk)
Exam board, course code and link	Edexcel 1PE0 http://qualifications.pearson.com/en/qualifications/edexcel-gcses/physical-education-2016.html
Key themes / topics taught	Component 1: Fitness and Body Systems Component 2: Health and Performance Component 3: Practical Performance Component 4: Personal Exercise Programme (PEP)
How pupils are assessed	Pupils are assessed practically at the end of each unit based on their skills and application in a game situation. Classwork is continually assessed in lessons, end of topic test, past papers and extended answers. Mock exams. Some practical activities may
Support available in school and/or online	One on one support when needed, revision clubs and theory clubs. ICT. Sports clubs after school
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Application of theory in a practical system e.g. energy systems and their different uses in a sporting activity or situation.
Other information	

Course Summary 2017-18: Year 10 & 11 Physical Education (Core) (Physical Education faculty)

Course leader	Mr Crawley (lcrawley@rushcliffe.notts.sch.uk)
Exam board, course code and link	-
Key themes / topics taught	Sports Leadership Invasion Games Net/Wall Games Fitness Outside providers Dance
How pupils are assessed	Effort and attitude, no grading unless GCSE candidates.
Support available in school and/or online	
Homework information	Homework is not set in this subject.
How pupils can extend their learning outside lessons or at home	Leadership in festivals run by the school, helping in Primary feeder school selection for District Leadership Academy. Using skills and knowledge in Outside clubs. Teams/Clubs and fixtures
Other information	

Course Summary 2017-18: Year 10 & 11 Physics (Science faculty)

Course leader	Mr Malloney (cmalloney@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8463 http://www.aqa.org.uk/subjects/science/gcse/physics-8463
Key themes / topics taught	<ol style="list-style-type: none"> 1. Energy 2. Electricity 3. Particle model of matter 4. Atomic structure 5. Forces 6. Waves 7. Magnetism and electromagnetism 8. Space physics
How pupils are assessed	Students will sit two equally weighted exams in May or June of the Y11 Summer Term. The papers are both 1 hour 45 minutes long and contain questions that are a mix of style (multiple choice, structured, closed short answer and open response).
Support available in school and/or online	Student can access revision materials and practice questions through the Science Moodle page. They can also find subject specifications and other relevant course information.
Homework information	Homework is set weekly; this will be a combination of paper based tasks and Educake Online Science Homework
How pupils can extend their learning outside lessons or at home	<p>Students that wish to extend their learning are encouraged to consider the wider context of what they are studying and explore its real life applications. They can do this by doing some extra reading.</p> <p>The following websites contain up to date science news that will allow them to search for articles that are of interest:</p> <p>http://www.bbc.co.uk/news/science_and_environment</p> <p>https://www.theguardian.com/science/physics</p> <p>https://www.sciencedaily.com/news/matter_energy/chemistry/</p> <p>https://www.sciencedaily.com/news/top/technology/</p> <p>https://phys.org/physics-news/</p> <p>http://www.iop.org/news/index.jsp</p> <p>http://physicsworld.com/cws/channel/news</p>
Other information	

Course Summary 2017-18: Year 10 Product Design (Innovations faculty)

Course leader	Mrs Fothergill (kfothergill@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8552 http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552
Key themes / topics taught	<p>Core technical principles: New and emerging technologies; Energy generation and storage; Developments in new materials; Systems approach to designing; Mechanical devices; Materials and their working properties.</p> <p>Specialist technical principles: Selection of materials or components; Forces and stresses; Ecological and social footprint; Sources and origins; Using and working with materials; Stock forms, types and sizes; Scales of production; Specialist techniques and processes; Surface treatments and finishes.</p> <p>The categories through which the principles will be delivered are; Papers and boards, Timber based materials; Metal</p>
How pupils are assessed	Students will be assessed on their ability to undertake and complete a range of activities, both ‘Designing & Making’ and ‘Technical Principles’, in line with the AQA GCSE Design & Technology Specification. These will be undertaken throughout Year 10 in o
Support available in school and/or online	The Design & Technology department, including workshop access, computers, printers and other equipment is available to students both at lunchtimes and afterschool when agreed with relevant teachers. AQA website offers support material for students to access. Moodle offers resources online as well as access to ‘Show My Homework’.
Homework information	Homework is set weekly. Students are expected to complete homework on time and in the appropriate method in line with the school homework policy.
How pupils can extend their learning outside lessons or at home	Taking an interest in Design and designers work by research and investigating modern and past designers work. Looking at products and how they work. Visiting art and design museums. Taking photographs of products that interest them. Talking to other people about new design and their own design work. Watching relevant TV programmes and news articles exploring the impact of advancements in Design and Technology.
Other information	There will be a day-trip to the BMW Mini Factory to explore how modern day mass produced products are designed, developed and manufactured.

Course Summary 2017-18: Year 10 & 11 Religious Studies (Humanities faculty)

Course leader	Mrs Moran (mmoran@rushcliffe.notts.sch.uk)
Exam board, course code and link	AQA 8062 http://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062
Key themes / topics taught	Component 1: The study of religions: beliefs, teachings & practices Buddhism Christianity Component 2: Thematic studies Theme A: Relationships and families Theme B: Religion and life Theme D: Religion, peace and conflict Theme E: Religion, crime and punishment
How pupils are assessed	2 exams at the end of Year 11 Paper 1 examines Component 1: Christianity and Buddhism Paper 2 examines Component 2: Themes A, B, D & E Each exam is 1 hour and 45 minutes and each is worth 50% of GCSE grade
Support available in school and/or online	Course resources including homeworks and revision materials on Moodle. AQA Religious Studies textbooks available in school. Dynamic Learning access for each student to course content, tasks and podcasts. Individual teacher support is always available. Students can arrange this in advance with their teacher; they are always welcome.
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Compile revision notes throughout the course. Summarise notes at the end of each section. Learn Key words for each topic. Read newspapers articles (online) watch films/documentaries appropriate to lesson content (RE teacher can offer suggestions). Talk outside school with friends and relatives to get perspective on issues discussed in class.
Other information	We will purchase revision guides to sell to students at a rate lower than the RRP. Students can enjoy talking and listening to Guest Speakers for different topic areas.

Course Summary 2017-18: Year 10 & 11 Spanish (Languages faculty)

Course leader	Mrs Barcherini (sbarcherini@rushcliffe.notts.sch.uk)
Exam board, course code and link	Eduqas 0797 http://www.eduqas.co.uk/qualifications/spanish/gcse/
Key themes / topics taught	Identity and culture: youth culture; lifestyle; customs and traditions Local, national and global areas of interest: home and locality; France and French-speaking countries; global sustainability Current and future study and employment: current study; the world of work; jobs and future plans
How pupils are assessed	25% Speaking, 25% Writing, 25% Reading, 25% Listening Assessments which mirror the final GCSE exam style. Regular vocabulary tests Mock Exams Year 10 (July) and Year 11 (December)
Support available in school and/or online	https://www.memrise.com/ for topic specific vocabulary https://quizlet.com/en-gb for topic specific vocabulary http://www.wordreference.com/ useful and reliable online dictionary http://www.spanishdict.com/ for translation and verb conjugation http://www.languagesonline.org.uk/ for grammar and verb conjugation http://www.linguascope.com/ for topic based activities and vocabulary http://www.eduqas.co.uk/qualifications/spanish/gcse/ for online resources, sample assessment materials and examination information
Homework information	Homework is set weekly.
How pupils can extend their learning outside lessons or at home	Using the websites as suggested above. Revision of vocabulary and grammar in the students' grammar books. Wider listening and reading through songs, radio, youth magazines, cartoons etc online.
Other information	