

GREY COURT SCHOOL
Year 7 Curriculum Topics Studied

| | MATHS | SCIENCE | FRENCH | DESIGN & TECHNOLOGY | GEOGRAPHY | ENGLISH (2 lessons extra to OM) |
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| A U T U M N | Problem Solving Construction Probability Percentages, decimals, fractions Ratios Algebra Triangles Calculator methods | <p><u>IN ROTATION:</u></p> <ul style="list-style-type: none"> • Particle Model of solids, liquids & gases. • Energy resources • Cells • Forces and their Effects <p>All topics incorporate 'how science works'</p> | Greetings; classroom language; age & birthdays; French speaking countries; where you live; family & description. Where you live; nationalities; family & pets; physical & character descriptions. | <p>Students rotate through skills based units, which are designed to provide foundation subject knowledge.</p> <p>The units include an introduction to Systems and Control; Product Design; Computer Aided Design and Manufacture; License to Cook skills; designing strategies, problem solving; using equipment; following procedures and safely working when designing and making products with different materials.</p> | What is Geography? Why is it important? Environmental issues which concern us. Maps from 'World' to 'Home Region' Place Knowledge Use of Atlas Map tests | Writing Lives Frankenstein and the Prometheus myth |

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| <p style="text-align: center;">S P R I N G</p> | <p>Co-ordinates Decimals Proportion Algebra Problem Solving Handling Data Calculator Methods Written Methods</p> | <p><u>IN ROTATION:</u></p> <ul style="list-style-type: none"> • Reproduction • Acids and Alkalis. • Simple Chemical Reactions. • Solar System and Beyond | <p>School; time; leisure interests; weather.</p> <p>Hobbies; sports; weekend activities; weather.</p> | <p>Units include:</p> <p>Graphics; Computer Aided Design (CAD) and Computer Aided Manufacture (CAM) Stickers – CAMMI Book marks – laser cut</p> <p>An introduction to systems and control; pneumatics</p> <p>Structure: team work and problem solving activities; forces; materials used in modern structures</p> | <p>Ordnance Survey map reading</p> <p>Mapwork Assessment</p> <p>Current issues relating to:</p> <ul style="list-style-type: none"> • Settlement • Transport | <p>Newspapers</p> <p>Chaucer's England</p> |
| <p style="text-align: center;">S U M M E R</p> | <p>Mental Methods Estimation Unit of Measures Graphs Simplifications Problem Solving Angles & Lines Constructions Volume Area Handling Data</p> | <p><u>IN ROTATION:</u></p> <ul style="list-style-type: none"> • Variation and Classification • Rocks • Environment and Feeding Relationships • Electrical Circuits | <p>Holidays & future plans. St Omer excursion: in town, directions, buying food & souvenirs. At the station.</p> | <p>Product Design: Pen Angel/Monster – cutting and shaping wood, metal and plastic</p> <p>License to Cook: six practicals; on line tutorials and assessment with an emphasis on diet and nutrition</p> <p>Textiles: 'Natural influences' project. Inspiration from nature and natural materials – woven product</p> | <p>Weather & Climate and how we are affecting it.</p> <p>Assessment</p> <p>Local Fieldwork</p> <p>Preparation for St. Omer visit run by MFL faculty</p> | <p>Non fiction texts.</p> <p>Theme Parks</p> <p>Poetry</p> |