

**Year 11 3 Week Revision Programme and Planner**

 

**NAME CLASS**

**Week 1:**

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| **Subject** | **Topics to be covered** |
| **BACS** | Creating tables in Access, choosing data types & applying validation rules.Creating relationships between two tables. |
| **Business Studies** | Business Ownership: Sole trader, Partnership, Private Limited Company, Public Limited Company, Franchise, Social Enterprise, the Public Sector |
| **Comp Studies** | Computer Arithmetic |
| **DA Biology** | **Cells:** * Animal, plant and bacterial cells
* Using a microscope to examine plant and animal cells
* Multicelled organisms and specialisation

**Showbie code: KZVTM** **This has an electronic copy of the CCEA revision guide which is suitable for both Triple Award and Double Award Biology (note the instructions in the ‘About this book’ section).** |
| **DA Chem** | Atomic Structure |
| **Drama** | Re-read Philadelphia, Here I Come Episode One only and do practise Costume questions (both parts) on Public and Private |
| **English** | Personal or Creative Writing |
| **French** | Topics: Self, Family, Friends, Relationships, Going OutGeneral Vocabulary: countries, subjects, jobs, numbers, opinions, food, clothes, Opinions, Time frames Grammar: Present Tense, Adjectives, Reflexive verbs, Perfect tense, Simple Future Tense |
| **Gaeilge** | **Na hAimsirí uilig / Past / Present / Future tense*** Past tense verbs – regular and irregular, positive, negative and question forms
* Present tense verbs - regular and irregular, positive, negative and question forms
* Future tense verbs - regular and irregular, positive, negative and question forms

Resources: Class notes, topic booklet, oral booklet, text book |
| **Geography** | **The drainage basin:** A component of the water cycle & river processes and landforms |
| **HE** | **Food and Nutrition for good health***Current government guidelines:** The 8 tips for eating well
* The Eatwell Guide

**Energy and nutrients*** The factors which influence individual energy requirements
* The percentage of recommended energy values provided by protein, fat and carbohydrates
 |
| **History** | Hitler takes political control 1933-1934 |
| **Irish** | **Mé Féin agus Mo Theaghlach*** Name, age, where you live, school, class
* Physical description and personality
* Family – number, sisters, brothers, eldest, youngest, pets
* Do you get on with your family?
* Likes and dislikes

Resources: Class notes, topic booklet, oral booklet, text book |
| **Leisure & Tourism** | * The concepts of Leisure, Travel and Tourism.
* Types of Tourism.
* Why people use Leisure and Tourism facilities.
* Factors that influence the choice of Leisure, Travel and Tourism activity.
* Reasons for Leisure, Travel and Tourism visits.
 |
| **LLW** | Diversity and Inclusion: Challenges and Opportunities pg 7-33 Rights and Responsibilities: Local and Global Issues pg 34-42 |
| **Maths M3****BOW** | Number work – add, subtract, multiply and divide whole numbers and decimals up to 3 d.p.Place value, decimal places, significant figuresOdd, even, multiples, factors, square, triangle and cube numbers, reciprocals, powers and rootsUse index notation for squares, cubes and powers of 10Prime numbers and expressing a number as a product of prime factorsHighest common factorLowest common multipleRecognise that recurring decimals are exact fractions and that some fractions are recurring decimalsUnderstand and use the concepts and vocabulary of expressions, equations, formulae, inequalities, terms and factorsKnow the difference between an equation and an identityInterpret simple expressions as functions with inputs and outputsAlgebra – collecting like termsRemoving bracketsFactorisationManipulate algebraic expressions by taking out common factors that are constants |
| **Maths M4** | Number work – add, subtract, multiply and divide whole numbers and decimals up to 3 d.p.Place value, decimal places, significant figuresOdd, even, multiples, factors, square, triangle and cube numbers, reciprocals, powers and rootsUse index notation for squares, cubes and powers of 10Prime numbers and expressing a number as a product of prime factorsHighest common factorLowest common multipleRecognise that recurring decimals are exact fractions and that some fractions are recurring decimalsUnderstand and use the concepts and vocabulary of expressions, equations, formulae, inequalities, terms and factorsKnow the difference between an equation and an identityInterpret simple expressions as functions with inputs and outputsAlgebra – collecting like termsRemoving bracketsFactorisationManipulate algebraic expressions by taking out common factors that are constants |
| **Music** | Set Work: Handel (For unto us a child is born), revision of notes and score, and related Baroque listening. Dambusters Movie theme set work listening and related listening. |
| **PE** | Skeletal system 13-17Muscular system 17-22Health – Mental and Social Health 37-45  |
| **Physics** | Waves |
| **RE** | The meaning and significance of the identity of Jesus, both for the disciples and for Christians today, through a study of key events relating to his titles as Son of God, Messiah, Son of Man, Son of David and Saviour:* the ministry of John the Baptist Mark 1: 1–13;
* Peter’s declaration about Jesus Mark 8: 27–33;
* the Transfiguration Mark 9: 2–13
 |
| **SA Science** | ‘Elements, Compounds, Mixtures and Separating Techniques’ and ‘Atomic Structure and Periodic Table’ |
| **Spanish** | Vocabulary: Myself, my family, relationships and choices (Pp. 3-6 of language guide 1 – light blue booklet)\*DON’T FORGET TO USE **QUIZLET** TO ASSIST WITH **ALL** VOCABULARY REVISION!!!General vocabulary: numbers, dates, countries, opinions, high frequency words, and question words (Pp.17-22 of grammar guide – green booklet)Grammar: Reflexive verbs in the present tense (Pp.82-84 of grammar guide) |
| **TA Biology** | **Cells:** * Animal, plant and bacterial cells
* Using a microscope to examine plant and animal cells
* Electron microscopes
* Stem Cells
* Diffusion
* Multicelled organisms and specialisation

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| **TA Chem** | Atomic Structure and Bonding |
| **Tech. Design** | Materials Woods, Metals & Plastics |

**Week 1:**

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| **TIME** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** | **SATURDAY** | **SUNDAY** |
| **8-9** |  |  |  |  |  |  |  |
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**Week 2:**

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| **Subject** | **Topics to be covered** |
| **BACS** | Creating queries (including criteria & show only) and reports (including grouping & sorting) |
| **Business Studies** | Location, Business Aims, Mission Statements, Stakeholders |
| **Comp Studies** | Data Storage |
| **DA Biology** | **Photosynthesis and plants:*** Photosynthesis
* Photosynthesis experiments
* Limiting factors in photosynthesis
* Leaf structure
* The relationship between photosynthesis and respiration

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| **DA Chem** | Bonding and Structures |
| **Drama** | Costume question on Madge and Episode One from a Director’s point of view (Revise example questions we have done in class) |
| **English** | Personal or Creative Writing |
| **French** | Topic: Free time/leisure /sportGrammar: Perfect tense/object pronouns/simple future |
| **Gaeilge** | **Saol Na Scoile / School Life*** History of school, how many students and teachers
* Principal, type of school, where the school is situated
* Subjects and preferences
* Irish-Medium Education the advantages and disadvantages
* Typical school Day
* Future plans
* Advantages and Disadvantages of school

Resources: Class notes, topic booklet, oral booklet, text book |
| **Geography** | Sustainable management of rivers |
| **HE** | **Macronutrients*** The functions and main sources of protein, fat and carbohydrates
* Protein (Including biological value and complementation)
* Fat: Saturated and unsaturated
* Carbohydrates: Sugars and starches

**Water*** Functions and main sources of water
* The importance of hydration in the body
 |
| **History** | Control and Opposition |
| **Irish** | **Ag Cur sios ar Dhaoine eile*** Parents occupations
* Describing a friend or family member
* Likes and dislikes

**Social Media and New Technology*** Your opinion on social media and new technology
* Types of technology available
* Advantages and disadvantages of the above

Resources: Class notes, topic booklet, oral booklet, text book |
| **Leisure & Tourism** | * Components of the Leisure industry.
* Components of the Travel industry.
* Links between Leisure, Travel and Tourism components.
 |
| **LLW** | Government and Civil Society: pg 43-52Democratic institutions: promoting inclusion, justice and democracy pg 53-57 |
| **Maths M3****BOW** | Linear equations & formation of equations Substitute numbers into formulae (which may be expressed in words or algebraically) and expressionsWrite simple formulae and expressions from real life contextsCompound measures: Density and PressureUse compound units such as speed, heart beats per minute and miles per gallonPythagoras’ Theorem |
| **Maths M4** | Linear equations & formation of equations Substitute numbers into formulae (which may be expressed in words or algebraically) and expressionsWrite simple formulae and expressions from real life contextsCompound measures: Density and PressureUse compound units such as speed, heart beats per minute and miles per gallonPythagoras’ TheoremTrigonometry: Understand and use the trigonometric ratios of sine, cosine and tangent to solve 2D problems, including those involving angles of elevation and depressionPercentage change; percentage increase/decreaseRepeated proportional changeProfit and lossWages and salaries, discount, bank accounts, budgeting, debt, APR and AER, insurance, taxation, mortgages and investmentCompound and simple interestVAT |
| **Music** | Set Work: Mozart (Horn Concerto Eb, Rondo), revision of notes and score, and related Classical listening. |
| **PE** | Physical health: sleep 76-79 Physical health: exercise 46-53Health, Safety and Risk Assessment 63-65 |
| **Physics** | Light |
| **RE** | The meaning and significance of the identity of Jesus, both for the disciples and for Christians today, through a study of key events relating to his titles as Son of God, Messiah, Son of Man, Son of David and Saviour:* Entry into Jerusalem Mark 11: 1–11;
* calming the storm Mark 4: 35–41;
* the request of James and John Mark 10: 35–45;
* Blind Bartimaeus Mark 10: 46–52.
 |
| **SA Science** | ‘Bonding and Structure’ and ‘Formula and Equations’ |
| **Spanish** | Vocabulary: Culture, customs, festivals and celebrations. (Pp. 6-7 of language guide 1)Continue general vocabularyGrammar: The immediate future tense (i.e. *ir* + *a* + infinitive) P. 39 language guide 1 |
| **TA Biology** | **Photosynthesis and plants:*** Photosynthesis
* Photosynthesis experiments
* Limiting factors in photosynthesis
* Leaf structure
* The relationship between photosynthesis and respiration

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| **TA Chem** | Formulae and Equations; and Nanoparticles |
| **Tech. Design** | Marking out tools |

**Week 2:**

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**Week 3:**

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| **Subject** | **Topics to be covered** |
| **BACS** | Completing personalised mail merges and producing professional letters. |
| **Business Studies** | Market Research and the Marketing Mix |
| **Comp Studies** | Central Processing Unit |
| **DA Biology** | **Food and energy:*** Food tests
* Biological molecules

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| **DA Chem** | Formula and Equation; and Nanoparticles |
| **Drama** | Costume Question on S.B. and Episode One from a Performer’s point of view  (Revise example questions we have done in class) |
| **English** | Personal or Creative Writing |
| **French** | General vocabulary- numbers/countries/ opinions/negatives/school subjects/leisure activities |
| **Gaeilge** | **Comparative and Superlative form of the adjective*** Comparative form of the adjective ie: níos lé, níos mó
* Superlative form of the adjective ie: is sine, is óige

Resources: Class notes, topic booklet, oral booklet, text book |
| **Geography** | Coastal processes and landforms & sustainable management of coasts |
| **HE** | **Fibre*** Functions and main sources of fibre

**Micronutrients*** The functions and main sources of:

**-** Vitamin A, B1, B12, C, D and folate**-** The minerals sodium, iron and calcium* The interactions between:

**-** Iron and vitamin C **-** Calcium and Vitamin D* Deficiency disorders associated with a lack of folate, vitamin C, vitamin D, calcium and iron
 |
| **History** | Life for workers and women/family in Nazi Germany. |
| **Irish** | **Free time and Leisure*** Hobbies
* TV, film and books
* How you spend a normal weekend
* How you spent last weekend
* How you will spend next weekend

Resources: Class notes, topic booklet, oral booklet, text book |
| **Leisure & Tourism** | * Factors influencing changes in Leisure, Travel and Tourism.
* Types of holidays.
* Needs and expectations of different customer types.
* Types of Leisure, Travel and Tourism destinations.
* The suitability and appeal of Leisure, Travel and Tourism destinations
* Technology in the Leisure, Travel and Tourism industries.
 |
| **LLW** | Democracy and Active Participation pg 58-63The role of NGO’s pg 64-68 |
| **Maths M3** **BOW** | Percentage change; percentage increase/decreaseRepeated proportional changeProfit and lossWages and salaries, discount, bank accounts, budgeting, debt, APR and AER, insurance, taxation, mortgages and investmentCompound and simple interestVATUse conventional terms and notations such as points, lines, vertices, edges, parallel lines, perpendicular lines, right angles, labelling sides and anglesDraw diagrams from a written descriptionAngle properties to include at a point, at a point on a straight line, vertically opposite, alternate, correspondingPolygons-properties of polygons with reflection and/or rotation symmetries |
| **Maths M4** | Use conventional terms and notations such as points, lines, vertices, edges, parallel lines, perpendicular lines, right angles, labelling sides and anglesDraw diagrams from a written descriptionAngle properties to include at a point, at a point on a straight line, vertically opposite, alternate, correspondingPolygons-properties of polygons with reflection and/or rotation symmetriesAdd, subtract, multiply and divide fractions including mixed numbersAdding, subtracting, multiplying and dividing algebraic fractions to include fractions with linear and quadratic numerators and denominatorsSolve equations involving algebraic fractionsSet up equations involving algebraic fractionsManipulate and factorisation of algebraic expressions Factorisation using the difference of two squaresQuadratic Factorisation of the form *x*2 + *bx* + *c* and a*x*2 + *bx* + *c* to include more complex expressionsSet up and solve quadratic equations using factors, quadratic formula and more complex equations |
| **Music** | Revision of key words, music theory, melody writing, harmonising with chords, keys, cadences |
| **PE** | Physical health: exercise 46-53 (cont.)Nutrition for health and exercise 66-75 |
| **Physics** | Basic Circuits and Ohm’s Law |
| **RE** | A study of the miracles of Jesus, taking account of their controversial nature and of their contemporary meaning and significance for Christian truth and witness:* a man with an evil spirit Mark 1: 21–28;
* Jesus heals many people Mark 1: 29–34;
* a man with a dreaded skin disease Mark 1: 40–45;
 |
| **SA Science** | Materials |
| **Spanish** | Extended writing: As part of your exam, you will be required to write 150 words on topics covered this year so farGrammar: Regular –ar, -er and –ir verbs in the preterite tense (P. 109 of grammar guide)Irregular verbs in the preterite tense (pp. 111-115 grammar guide) |
| **TA Biology** | **Food and energy:*** Food tests
* Biological molecules

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| **TA Chem** | The Periodic Table |
| **Tech. Design** | Question 11 Exemplars -Processes |

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