

Year 9 End of Year Revision Topics 2024 – Core Subjects

Assessments in T4 Week 5/6

Math BRD	ANI, IFN, VNH	BRD, WEL, XIO, LYT
1. Whole, decimals, + rounding	1. Number and language	1. Indices and standard form
2. Order of operation	2. Accuracy	2. Integers, fractions, decimals and percentages
3. Fractions	3. Algebraic representation and manipulation	3. Mean, median mode and range
4. Prime numbers	4. Cumulative frequency	4. Algebraic representation and manipulation
5. Integers	5. Equations and inequalities	5. Angle property
6. Percentages	6. Perimeter, area and volume	6. Similarity and congruence
7. Ratios	7. Bearings	7. Trigonometry
8. Powers and Factorials	8. Sequences	8. Ratio and proportion
9. Square root	9. Proportion	9. Further percentages
10. Patterns and relationships	10. Money and finance	10. Probability
11. Linear equations	11. Probability	11. Further probability
12. Algebraic expressions	12. Further probability	
13. Algebraic substitution		
14. Combining like terms		
15. Simplifying expressions		
16. Rational expressions		
17. Metric units		
18. Scales		
19. Perimeter and circumference		
20. Area of circle		
21. Area of compound figures		
22. Volume		
23. Time		
24. Timetables or schedules		
25. Charts		
26. Angles, measuring		
27. Angle thermos		
28. Interior and Exterior Angles		
29. Angle properties, parallel lines		
30. Isometric drawings		
31. Nets		
32. Transformations		
33. Grid references, compass, bearings		
34. 2D shapes and 3D forms		
35. Stats, averages		
36. Frequency tables		
37. Displaying data		
38. Statistical enquiry cycle PPDAC		
39. Probability		
40. Relative frequency		
41. Theoretical probability		
42. Probability trees		

Theo PEP	B1Q8 Abraham B2Q3 David anoints Saul First King of Israel B2Q14 Naboth's Vineyard B2Q18 Fall of Jerusalem B3Q1 Mark's Gospel B3Q4, 6 The Synoptic Gospels	B3Q14 The Good Samaritan B3Q22 Entry into Jerusalem B3Q25 The Last Supper B3Q28 The Resurrection B4Q1 Acts of the Apostles B4Q2 Pentecost 2 B4Q9 The Conversion of St Paul
Hum SMI	1. Iwi locations in NZ 2. Versions of the TOW 3. NZ Wars - case study 4. Raupatu 5. Native Land Court	6. Protest: Parihaka, Land March and Bastion Point Māori Economy 7. Māori in Parliament, Māori Health Auth 8. Famous NZer case study 9. NZ Government 10. Mapping Skills - whole book
Eng HUM	1. Shakespeare facts, plus life context with reference to "Romeo & Juliet" 2. Dramatic method names, their language features and effects. 3. Revise play passages: what is	happening, importance and themes 4. Memorise correct essay structure 5. Do practice paragraphs and essays 6. Review essay feedback and ask questions to improve
Sci BRN	ANI, IFN, VNH 1. Ch8 Periodic Table 2. Ch7 Atoms 3. Ch3 Adapting 4. Ch4 Ecosystems 5. Ch5 Human Influence 6. C13 Density 7. C14 Pressure 8. Ch1 Photosynthesis 9. Ch10 RoR 10. Ch15 Pivots 11. Ch18 Heat Energy 12. Ch6 Classification 13. Ch16 Electrostatics 14. Ch17 Electricity 15. Ch9 Endo & Exo 16. Ch2 Plant Reproduction 17. Ch10 Reactivity 18. Ch11 Acids, Bases	ALX, LBN, ROS, SAU 1. C9 Periodic Table 2. C3 Atoms 3. B1&11 Food Webs 4. P1 Motion 5. P1 Forces 6. P1 Density 7. P1 Pressure 8. B5 Plant Nutrition 9. B7 Plant Transport 10. C1 States of Matter 11. C7 Rates of Reaction 12. B2 Cells 13. P6 Circuits 14. P5 Electricity 15. B10 Plant Reproduction 16. C4&8 Acids, Bases, Salts

Start: Input Fixed Activities, study around these Next: 3 x 70mins filled in per week = 9 revision slots minimum. Use the number next to the content to help you programme quickly and easily. Think about how many study sessions you need for each subject. Sometimes you will need more, or less, than 1 Session for some Topics.
Spaced Mixed Active Retrieval Thinking – S. M. A. R. T.

Year 9 End of Year Revision Topics 2024 – Option Subjects

Assessments in Term 4, Week 5/6

Art BAN	No Test Practical Art Projects	Ensure all practical work is up to date and to best quality
Chi ZHN	Test - 1 Period 1. T1 Greeting 2. T1 Big numbers 3. T1 Sports 4. T1 Food and drinks	5. T2 Family & introducing your family 6. T2 Jobs 7. T2 Weather 8. T2 Time
Cod LIM	Test - 1 Period	Learn to Code 1 and 2
DVC VAO	Drawing Test – 1 Period 1. Crating 2. Object Sketching 3. Rendering	Classwork Projects, ensure all practical work up to date and best quality
Hard BAY	Tools Test Paddle boat unit Design + Make	Practical and theory hand in, ensure all practical work up to date + best quality
HPE MCL	Test – 1 Period 1. Anatomy - Bones, Muscles Joints 2. Anatomy - Joint Movements 3. Anatomy - the Heart	1. Physiology - Short-Term and Long-Term Responses to Exercise, 2. Physiology, Training Methods, Principles 3. Nutrition – 7 key nutrients
SPN GUT	Test – 1 Period 1. T1: Greetings 2. T1: Classroom language 3. T1: Numbers 4. T1: Animals 5. T1: Colours	6. T1: Family 7. T2: Weather 8. T2: Classroom items 9. T2: Dates 10. T2: Daily routines
Mao HAE	Test – 2 Periods 1. T1: Greetings 2. T1: Karakia 3. T1: Feelings 4. T1: Colours 5. T1: Numbers 6. T1: Shapes 7. T1: Family	1. T1: Weather 2. T1: Māori place names 3. T2: Time 4. T2: Days of the week 5. T2: Food 6. T2: Likes/dislikes food/sport 7. T2: Transport 8. T2: Marae

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Setting yourself up for effective study – dangerous distractions and how to deal to them

- Study requires you to take in complex information and connect different ideas. This requires your undivided attention. Social media, gaming, flicking between multiple browser tabs, media steams and your phone, are all a problem. Cut them out during study time. Put your phone away in a drawer, your bag or even impress your mum, and give it to her.
- Successful multitasking is a myth. Switching between different tasks plays havoc with your attention and your ability to retain crucial information. It takes much longer to do the task you're supposed to be doing - turning your serious efficient study sessions into silly disorganised playing-at-study sessions. Honestly, you may as well do anything, but study.
- Instead, make every study session count. Study without distractions. Be organised. You will reach your study goals much quicker. You will have more time for other things you enjoy. Plus, you'll feel great!
- Act decisively on eliminating distractions. Early effort means big rewards.

How to deal to distractions:

- Use your **Study Planner**. Stick to your study routine; set your study times in advance for each week. Plan your work and work your plan.
- Use **Pomodoro** to break up your sessions in a structured way. 20mins study, 5 mins break x 3.
- Use your computer for **only the study task**, close all irrelevant apps and tabs.
- **Turn off your social** and email notifications on your computer.
- **Put away your phone** (or give to your mum).
- If you find yourself being distracted, take it easy on yourself. It happens to everyone, it's ok if you struggle to focus at times. It's totally normal to get distracted when stressed and anxious – and it's normal to get distracted when excited and happy. Calmly bring yourself back into focus and get back to the work at hand.
- Sometimes a wandering mind can help your learning, especially if you are making cross-connections between subject matter. The trick is to realise it is happening, think about what you need to, and bring yourself back on track to get your planned learning complete.