Please find below the content covered in your Child's course so far this year and some top tips from their subject teacher.

Subjects	Course content covered	Top 5 tips
Triple Biology	Please contact your Child's teacher for further support and guidance	
Triple Chemistry	2.1 Bonding, Structure and Properties 2.2 Acids, Bases and Salts	1. Review work regularly - especially key scientific terms. (Use BBC bitesize, GCSE pod etc) 2. Read questions carefully - highlight key words and phrases. 3. Show your workings out for all calculations and don't be afraid of making mistakes. Often, if you've shown your workings, you can get error carried forward marks even if you've made a mistake. 4. Make sure you're specific when describing scientific concepts - avoid the word "it" if at all possible. 5. Practice using the periodic table to answer questions. The periodic table is the key to the structure of the elements, their properties and reactivity.
Triple Physics	2.1 - Distance, speed and acceleration 2.2 - Newton's laws 2.4 - Further motion concepts (partially covered)	1. Review work regularly - especially key scientific terms. (Use BBC bitesize, GCSE pod etc) 2. Read questions carefully - highlight key words and phrases. 3. Show your workings out for all calculations and don't be afraid of making mistakes. Often, if you've shown your workings, you can get error carried forward marks even if you've made a mistake. 4. Make sure you're specific when describing scientific concepts - avoid the word "it" if at all possible. 5. Check your units and see if you need to convert them. Use a calculator to help you do calculations - you get no extra marks by calculating it in your head!
Double Science	4.2 Cell division and stem cells 4.3 DNA and inheritance 5.1 Bonding and structure (partially covered with some	1. Review work regularly - especially key scientific terms. (Use BBC bitesize, GCSE pod etc) 2. Read questions carefully -

	groups) 6.1 - Distance, speed and acceleration 6.2 - Newton's laws	highlight key words and phrases. 3. Show your workings out for all calculations and don't be afraid of making mistakes. Often, if you've shown your workings, you can get error carried forward marks even if you've made a mistake. 4. Make sure you're specific when describing scientific concepts - avoid the word "it" if at all possible. 5. Check your units and see if you need to convert them. Use a calculator to help you do calculations - you get no extra marks by calculating it in your head!
Single Applied Science	Please contact your Child's teacher for further support and guidance	
ICT	Started CAT 4	Please contact your Child's teacher for further support and guidance
Computer Science	- Python - Networks (topologies, hardware, protocols, policies, switching methods, security, TCP/IP, DNS)	1. Practice coding at every opportunity. 2. The theory is as important as the practical. 3. Keep abreast of technology news - try to find out some in-depth understanding of how new innovations work. 4. Try to relate theory topics to everyday life, e.g. relate networks to your home router, or the mobile phone network 5. Don't be afraid to "magpie" other people's code when learning; but don't just copy it, try to understand it and adapt it for your own purposes.
Constructing the built environment	Electrical unit: wiring a pendant light. Electrical theory and write up.	Please contact your Child's teacher for further support and guidance
Level 2 WJEC Engineering	Please contact your Child's teacher for further support and guidance	
Hospitality and Catering	AC1.1, 1.2 and AC1.3 coursework tasks	1. read the assessment criteria and use the exemplar work to understand what you need to do to achieve target grade

		2. Ensure you meet all deadlines so you don't fall behind 3. Use feedback to upgrade work 4. Work independently outside of lessons 5. Attend catch up session for additional support
Product Design	Analysing a range of design contexts. Research tasks (Product analysis, case studies, surveys, disassemblies etc). Design briefs and specifications.	1. Remain open minded about all of your ideas. 2. Do not be afraid to test your ideas using a range of methods. 3. Be constructively critical of your design ideas. 4. Ensure you use your specification as a success criteria when designing, modelling and refining your ideas. 5. Aim to complete 1 A3 page of design development a week at home.
Skillstart Performing Engineering Ops	Completion of Toolmaker's Clamp Practical Task Initial stages of toolbox practical task undertaken. Completed theory unit on hand fitting projects. Initial stages of mechanical assembly theory project.	1. Complete practical write up sheets as you complete the practical tasks - don't leave it until you have finished. 2. Make use of your course checklist to keep tabs and what work you still have outstanding. 3. Remember to expand on answers that prompt for a description or explanation. 4. The theory is as important as the practical - don't let your theory slip. 5. Accuracy in your practical tasks is incredibly important, don't rush, accuracy is more important than speed.