Subject	Applied Science BTEC
Context	Getting a good head start into what BTEC Level 3 National Extended Certificate in Applied Science is about will be the key to your success. This bridging work is designed to help you bridge the gap between your GCSE Science studies and BTEC Level 3 National Extended Certificate course. To access this work please join the Showbie class with the showbie code JYQNC. Or follow the link below Bridging Materials
Securing	Scientific terminology is often misused in report writing/ exam question answers when focusing on the methods and the results. Research the definitions of the following words (google: AQA GCSE scientific glossary) or follow the link https://filestore.aqa.org.uk/resources/science/AQA-SCIENCE-GCSE-SUBJECT-VOCAB.PDF: Please complete this on the word document in Showbie or on the one drive link. You will be tested on these key terms in September.
Processing	Research the layout for a written scientific report which details an experiment and its relevant conclusions. (What is included in the report, and what order is it presented in? What is included in the sections). Create a check list that you can use to ensure that you include everything that is needed when you write your Scientific reports next year. You will use this during your report writing next year.
Exploring	Next year you will complete three experiments and then you will need to write a report about each of them. For each practical write a brief description of how they are carried out and the purpose for completing them. Learning Aim A - Titrations Video https://www.youtube.com/watch?v=MDWVrTW0nq8 Learner guide https://studymind.co.uk/notes/titrations/ Learning Aim B - Calorimetry Video https://www.youtube.com/watch?v=SagNcyN1yUQ Learner guide https://edu.rsc.org/experiments/melting-and-freezing-stearic-acid/1747.article Learning Aim C - Chromatography Video https://www.youtube.com/watch?v=TdJ57SQ6GAQ Learner guide https://www.bbc.co.uk/bitesize/guides/zqqtrwx/revision/4 Please bring along the notes you have created from this task and hand these in to one of your teachers in September.
Reviewing	Reflect on what you have learned through this work by doing the following: • Note down 5 new things that you found most interesting • What did you find most challenging and what did you feel most confident with? • Write down 3 questions that you would like to ask your teacher about the topic area(s) that you have been introduced to.