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| **Subject Yearly Overview 2021-2022** |
| **Subject:** **Science** | **TOPIC** | **COMPONENT** | ***Notes:*** *Why are you delivering this topic at this time of year?* |
| **Autumn 1** | Exploring chemistry | Many people are talking about single-use plastic and how it is creating significant damage to ourenvironment but have you ever wondered how plastic is made? We also know that plants takenutrients from the soil so over time the quality of the soil becomes poorer. Our world population isincreasing so we need to find efficient ways to enrich the soil to improve the quality and quantity ofthe food we eat. If you leave your bike out in the rain for a few days, you will begin to see rustforming on the metal parts. Making plastics, developing fertilisers and observing how metal andwater react together are just some examples of the science of chemistry.In this unit you will find out about some of the principles behind chemistry such as evaporation,freezing, melting points and light reflection. You will have the opportunity to make a product foryourself and be able to explain what chemical processes are happening as you make it.This unit will help you to develop skills to progress to qualifications in different sectors as well as toprogress to other qualifications in construction. The skills you develop in this unit will be useful incompleting units in group A. | Content required to complete the assessment brief for the Internal assessment brief following |
| **Autumn 2** | Exploring chemistry | Completion of Assessment brief  | Assessment following content delivery as night follows day to ensure understanding. |
| **Spring 1** | Developing a Personal progression plan | What would you like to do when you finish this course? Perhaps you would like to spend more timelearning about the subject you are studying at the moment? Or you may want to do somethingcompletely different. Before you decide what your next step is, you need to know what you aregood at, what your interests are and what your end goal is.This unit will help you find out what opportunities are available to you and how to get to the nextstage. You will carry out a self-audit, identifying what your strengths are and what you need todevelop to be able to meet your progression goals. You will learn how to set goals and plan ways toachieve them. You will then produce a personal progression plan to help you reach the next step inyour life.The skills you develop in this unit will be good preparation when applying for another course ortraining programme. | Essential Unit for gaining the qualification. This unit can be undertaken in a 1:1 setting more easily as it is purely skills based. This will allow for students to complete in other lessons and tie in with work in Princes Trust. |
| **Spring 2** | Developing a Personal Progression Plan | Completion of assessment | Completion of The assessment |
| **Summer 1** | Being Organised | How often do you run out of time to do tasks? Do you ever miss the bus or turn up late for college?Being organised and being able to manage your time is essential for success in your education.From creating to-do lists and filing systems to setting up your phone for alerts and alarms,this unit will introduce you to ways that will help you to plan and use your time effectively, as wellas organising yourself and your work. After learning and practising these techniques, you will havethe opportunity to put them into practice over a period of time, reviewing how successful they wereand whether they improved your organisational skills.The skills you learn in this unit are key for progression to the next stage in your education.They are also crucial for work and life. | Skills based Unit for achieving the Certificate level of the qualification along with 3 Group B Units |
| **Summer 2** | Being Organised | Completion of assessment | This can be completed without specialist support as it is skills based. The students will be able to complete during extra sessions as they complete their examination schedule. |