Key Stage 4 Curriculum Map Aspire

	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2
	Knowledge acquired					
Year 1	WJEC Science today Climate change	Knowledge and understanding	WJEC Science today Science and the plant world	Knowledge and understanding	WJEC Science today Introduction to plant care	Knowledge and understanding
	Skills acquired					
	• **Communication skills** • **Listening, recall, response** • **Working as part of a group** • **Independent work** • **Practical experiments** • **Exploring the language of instructions, and language relevant to the school environment** • **Opportunity to develop independence skills through classroom activities, expectations and ILS skills** • **The opportunity to develop ICT skills through touch-typing, or dictation using an iPad** • **The opportunity to experience real life situations and visit places in the local community such as the local area, shops, parks, farms, museums, zoo's, nature reserves.** • **To gain a WJEC Science today, Qualification** • **To develop essential skills in Preparation for adulthood** • **Use accessible digital resources to research a science question; use a digital document or presentation to communicate findings; practise safe, responsible use of devices and reliable sources.** • **Explain ideas using key scientific vocabulary; describe observations in a clear sequence; make a prediction and give a reason; ask relevant questions, listen to others and discuss evidence using sentence starters where helpful.**					
	Key Assessments taking place					

Assessment in based on continuous AFL and observations by the staff team, course work for qualifications.
TDA assessment at the end of every topic (coursework unit)

Year 2

Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2
Knowledge acquired					
WJEC Science today Science and our universe	Knowledge and understanding	WJEC Science today Science of light and sound	Knowledge and understanding	WJEC Science today Forces	Knowledge and understanding
Skills acquired					

- **Communication skills**
- **Listening, recall, response**
- **Working as part of a group**
- **Independent work**
- **Practical experiments**
- **Exploring the language of instructions, and language relevant to the school environment**
- **Opportunity to develop independence skills through classroom activities, expectations and ILS skills**
- **The opportunity to develop ICT skills through touch-typing, or dictation using an iPad**
- **The opportunity to experience real life situations and visit places in the local community such as the local area, shops, parks, farms, museums, zoo's, nature reserves.**
- **To gain a WJEC Science today, Qualification**
- **To develop essential skills in Preparation for adulthood**

Key Assessments taking place

Assessment in based on continuous AFL and observations by the staff team, course work for qualifications.
TDA assessment at the end of every topic (coursework unit)

Year 3

Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2

	Knowledge acquired					
	WJEC Science today Science and the human body	Knowledge and understanding	WJEC Science today Introduction to animal care	Knowledge and understanding	WJEC Science today Variation and adaptation	Knowledge and understanding
	Skills acquired					
	• **Communication skills** • **Listening, recall, response** • **Working as part of a group** • **Independent work** • **Practical experiments** • **Exploring the language of instructions, and language relevant to the school environment** • **Opportunity to develop independence skills through classroom activities, expectations and ILS skills** • **The opportunity to develop ICT skills through touch-typing, or dictation using an iPad** • **The opportunity to experience real life situations and visit places in the local community such as the local area, shops, parks, farms, museums, zoo's, nature reserves.** • **To gain a WJEC Science today, Qualification** • **To develop essential skills in Preparation for adulthood**					
	Key Assessments taking place					
	Assessment in based on continuous AFL and observations by the staff team, course work for qualifications. **TDA assessment at the end of every topic (coursework unit)**					
Year 4	**Autumn Half Term 1**	**Autumn Half Term 2**	**Spring Half Term 1**	**Spring Half Term 2**	**Summer Half Term 1**	**Summer Half Term 2**
	Knowledge acquired					

	WJEC Science today Health and safety	Knowledge and understanding	WJEC Science today Making useful compounds	Knowledge and understanding	WJEC Science today Chemical products used in the home and their environmental impact	Knowledge and understanding
	Skills acquired					
	• **Communication skills** • **Listening, recall, response** • **Working as part of a group** • **Independent work** • **Practical experiments** • **Exploring the language of instructions, and language relevant to the school environment** • **Opportunity to develop independence skills through classroom activities, expectations and ILS skills** • **The opportunity to develop ICT skills through touch-typing, or dictation using an iPad** • **The opportunity to experience real life situations and visit places in the local community such as the local area, shops, parks, farms, museums, zoo's, nature reserves.** • **To gain a WJEC Science today, Qualification** • **To develop essential skills in Preparation for adulthood**					
	Key Assessments taking place					
	Assessment in based on continuous AFL and observations by the staff team, course work for qualifications. **TDA assessment at the end of every topic (coursework unit)**					
	Suggestions to parents/Carers to support homework					
	• Keep it short and manageable (around 10–15 minutes); practise a few key words and ask the pupil to explain them in their own words • Use everyday examples and real objects at home; talk through what the object is made from, what it does, or how it relates to the topic. • Use teacher-provided revision prompts or exam questions. Encourage the pupil to try first, then discuss the answer together rather than completing it for them. • Support a brief spoken recap, voice note or accessible digital presentation if this is an agreed alternative to extended writing. Follow the school's instructions and avoid unsafe experiments					