

Highfields Scheme of Work Summary

COURSE/SUBJECT TITLE:	Functional Skills (Maths)	EXAM / AWARD BODIES: (IF APPROPRIATE)	OCR
KEY STAGE:	KS4		
MAIN TEACHERS:	ASA		

SUMMARY OF LEARNING ACTIVITY TYPES: (These should relate to Schemes of Work activities).

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|---------------|---------------------------------------|-------|------------------------|
| Very Frequent | - Approximately every week | Rare | - Less than occasional |
| Frequent | - Approximately 1 - 2 times per month | Never | - Never |
| Occasional | - Approximately 1 - 2 times per term | | |

	<u>Very Frequent</u>	<u>Frequent</u>	<u>Occasional</u>	<u>Rare</u>	<u>Never</u>		<u>Very Frequent</u>	<u>Frequent</u>	<u>Occasional</u>	<u>Rare</u>	<u>Never</u>
Teacher Talk		x				Art / Creative					x
Discussion / Q & A		x				'Hands-On' Practicals			x		
Problem-Solving		x				Physical Challenge					x
Research		x				Group-work					x
Extended Reading				x		Role-play					x
Extended Writing				x		Offsite Visits					x
ICT Presentations				x		Other (please state)					
Video			x								

SUMMARY OF SUB-TOPICS / UNITS OF STUDY

Sub-Topic / Unit of Study Title	Typical Length of Time (Term / Half-Term / Weeks / Months)
<p>Begin to develop own strategies for solving simple problems. Understand practical problems in familiar contexts and situations. Select mathematics to obtain answers to simple given practical problems that are clear and routine. Apply mathematics to obtain answers to simple given practical problems that are clear and routine and use simple checking procedures. Interpret and communicate solutions to practical problems in familiar contexts and situations.</p>	<p>Half-Term (Autumn 1)</p>
<p>Understand practical problems in familiar and unfamiliar contexts and situations, some of which are non-routine. Identify and obtain necessary information to tackle the problem. Select mathematics in an organised way to find solutions.</p>	<p>Half-Term (Autumn 2)</p>
<p>Apply mathematics in an organised way to find solutions to straightforward practical problems for different purposes. Use appropriate checking procedures at each stage</p>	<p>Half-Term (Spring 1)</p>
<p>Interpret and communicate solutions to practical problems, drawing simple conclusions and giving explanations</p>	<p>Half-Term (Spring 2)</p>
<p>Understand routine and non-routine problems in familiar and unfamiliar contexts and situations. Identify the situation or problems and identify the mathematical methods needed to solve them. Choose from a range of mathematics to find solutions</p>	<p>Half-Term (Summer 1)</p>
<p>Apply a range of mathematics to find solutions and use appropriate checking procedures and evaluate their</p>	<p>Half-Term (Summer 2)</p>

effectiveness at each stage. Interpret and communicate solutions to multi-stage practical problems in familiar and unfamiliar contexts and situation. Draw conclusions and provide mathematical justifications.

