

OUTCOME RELATED TESTS



<i>Reference No.</i>	<i>Title of Unit</i>	
M8D2N1	Tennis 1)
M8D2N2	Tennis 2)
M8D2IH	Tennis 3)
M8D2SP	Tennis 4)
		all 4 units must be used
M8D3N1	Up in the Air 1)
M8D3N2	Up in the Air 2)
M8D3IH	Up in the Air 3)
M8D3SP	Up in the Air 4)
		all 4 units must be used
M9D1N1	Underwater World 1)
M9D1N2	Underwater World 2)
M9D1IH	Underwater World 3)
M9D1SP	Underwater World 4)
		all 4 units must be used
M9D2N1	The Rainforest 1)
M9D2N2	The Rainforest 2)
M9D2IH	The Rainforest 3)
M9D2SP	The Rainforest 4)
		all 4 units must be used
M0D1N1	Cruises 1)
M0D1N2	Cruises 2)
M0D1IH	Cruises 3)
M0D1SP	Cruises 4)
		all 4 units must be used
M0D2N1	Oil Pipelines 1)
M0D2N2	Oil Pipelines 2)
M0D2IH	Oil Pipelines 3)
M0D2SP	Oil Pipelines 4)
		all 4 units must be used

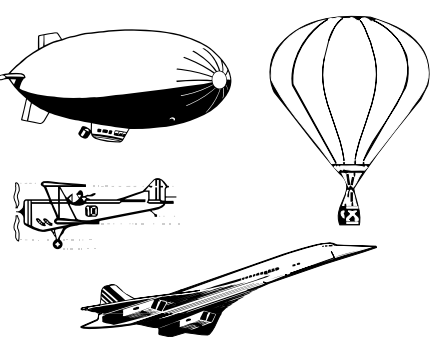

Each unit is related to a specific 5-14 Mathematics outcome as follows:

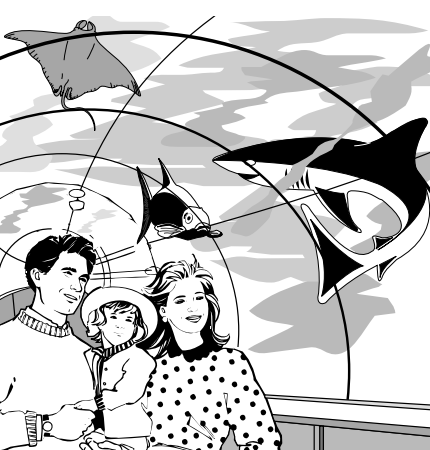

- N1 units:** Number, Money and Measurement, including a separate Mental section; a calculator **must not** be used
- N2 units:** Number, Money and Measurement, including Problem Solving; a calculator may be used
- IH units:** Information Handling, including Problem Solving
- SP units:** Shape, Position and Movement, including Problem Solving



Each test is designed to cover a wide range of targets within each outcome.

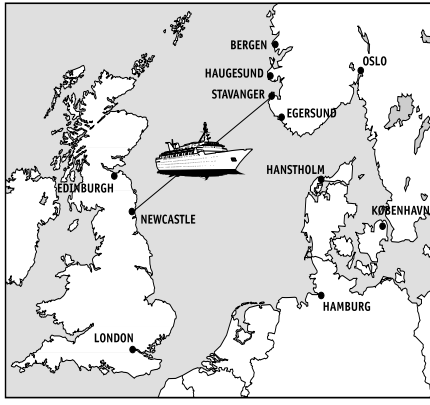

A calculator **must not** be used for any N1 unit at Level D.

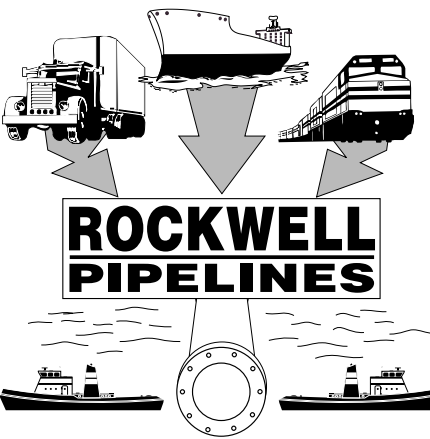

<p>M8D2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	TENNIS	
	CONTEXT	Tennis lessons, Wimbledon and other tennis tournaments.
	M8D2N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. The items in the written part of the paper are about a girl who is learning to play tennis. Pupils may not use a calculator in this unit.</p>
	M8D2N2	Number, Money and Measurement, including problem solving. This unit has as its focus the history of Wimbledon. Pupils may use a calculator in this unit.
	M8D2IH	Information Handling, including problem solving. This unit is based on the World Doubles Cup, a women's doubles tennis tournament which has been played in Edinburgh.
	M8D2SP	Shape, Position and Movement, including problem solving. Wimbledon Today is the context for the items in this unit.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, ruler, protractor, calculator.	

<p>M8D3</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	UP IN THE AIR	
	CONTEXT	Travel by air from hot air balloons to Concorde.
	M8D3N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. The written questions look at the early history of flight from the first hot air balloons in the late 18th century to the early aeroplanes of the 20th century. Pupils may not use a calculator in this unit.</p>
	M8D3N2	Number, Money and Measurement, including problem solving. Items in this unit centre on Concorde and modern air travel. Pupils may use a calculator in this unit.
	M8D3IH	Information Handling, including problem solving. Travel by plane and by Concorde provides the basis for items in this unit.
	M8D3SP	Shape, Position and Movement, including problem solving. This unit focuses on the early history of trans-Atlantic flight.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, ruler, protractor, a red and a blue coloured pencil, calculator.	

<p>M9D1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	UNDERWATER WORLD	
	CONTEXT	The units in this test are based on the sea creatures found in the world's oceans and on a marine park where people can see many of these creatures from the vantage point of a glass tunnel running through a huge aquarium.
	M9D1N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. The sea creatures which can be seen in a huge aquarium and the tunnel which runs through the aquarium provide the contexts for the questions in this unit. Pupils may not use a calculator in this unit.</p>
	M9D1N2	Number, Money and Measurement, including problem solving. The oceans of the world and the creatures that live in them are the focus for this unit. Pupils may use a calculator in this unit.
	M9D1IH	Information Handling, including problem solving. This unit is based on information about different species of shark.
	M9D1SP	Shape, Position and Movement, including problem solving. This unit is based on a marine park and the various exhibits on display.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, ruler, protractor, calculator.	

<p>M9D2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>THE RAINFOREST</p>	
<p>CONTEXT</p>	<p>The units discuss various aspects of tropical rainforests including their location, climate and the number and range of different plant and animal species which live there.</p>	
<p>M9D2N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. This unit presents a range of interesting facts and information about rainforests. Pupils may not use a calculator in this unit.</p>	
<p>M9D2N2</p>	<p>Number, Money and Measurement, including problem solving. The questions in this unit focus mainly on the plants and animals found in the rainforest. Pupils may use a calculator in this unit.</p>	
<p>M9D2IH</p>	<p>Information Handling, including problem solving. This unit looks at the climate of rainforests, the loss of rainforest land and characteristics of the animals which live in the rainforest.</p>	
<p>M9D2SP</p>	<p>Shape, Position and Movement, including problem solving. Class 6 is doing a project on the rainforest. The children find out about the animals that live there. They build models of rainforest houses and find out about rainforest tribes.</p>	
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.</p>	

<p>MOD1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>CRUISES</p>	
<p>CONTEXT</p>	<p>The units in this test are all about cruise ships which cross the North Sea between Great Britain, Scandinavia, Denmark and northern Europe.</p>	
<p>MOD1N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Mr and Mrs MacDonald, Kevin and Ian are taking a cruise break to Bergen in Norway. Pupils may not use a calculator in this unit.</p>	
<p>MOD1N2</p>	<p>Number, Money and Measurement, including problem solving. The MS Jupiter is cruising between Newcastle and Bergen. Pupils may use a calculator in this unit.</p>	
<p>MOD1IH</p>	<p>Information Handling, including problem solving. The items in this unit are connected with North Sea cruises and holidays in northern Europe.</p>	
<p>MOD1SP</p>	<p>Shape, Position and Movement, including problem solving. The items in this unit are connected with North Sea cruises and holidays in northern Europe.</p>	
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, ruler, calculator, protractor, shape template (master sheet provided).</p>	

<p>MOD2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>OIL PIPELINES</p>	
<p>CONTEXT</p>	<p>The Rockwater Company builds long pipelines on land at their site in the north of Scotland. Lengths of pipe are welded together. When completed the pipelines are pulled out to sea and are used to link up oil rigs.</p>	
<p>MOD2N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. This unit relates to different aspects of building oil pipelines and working in the construction yard. Pupils may not use a calculator in this unit.</p>	
<p>MOD2N2</p>	<p>Number, Money and Measurement, including problem solving. This unit relates to different aspects of building oil pipelines and working in the construction yard. Pupils may use a calculator in this unit.</p>	
<p>MOD2IH</p>	<p>Information Handling, including problem solving. This unit focuses on information about costs, sizes of pipelines and the construction and launching of pipelines.</p>	
<p>MOD2SP</p>	<p>Shape, Position and Movement, including problem solving. This unit deals with the position of oil fields, the dimensions of pipelines and aspects of the construction yard and the transport of pipes.</p>	
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, calculator, protractor, compasses.</p>	

OUTCOME RELATED TESTS

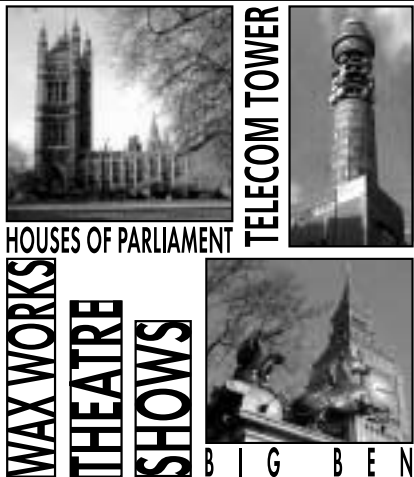

<i>Reference No.</i>	<i>Title of Unit</i>	
M8E1N1	Take a Break 1)
M8E1N2	Take a Break 2) all 4 units must be used
M8E1IH	Take a Break 3)
M8E1SP	Take a Break 4)
M8E2N1	International Youth Games 1)
M8E2N2	International Youth Games 2) all 4 units must be used
M8E2IH	International Youth Games 3)
M8E2SP	International Youth Games 4)
M9E1N1	Sporting Life 1)
M9E1N2	Sporting Life 2) all 4 units must be used
M9E1IH	Sporting Life 3)
M9E1SP	Sporting Life 4)
M9E2N1	The Ice Rink 1)
M9E2N2	The Ice Rink 2) all 4 units must be used
M9E2IH	The Ice Rink 3)
M9E2SP	The Ice Rink 4)
M0E1N1	Communications 1)
M0E1N2	Communications 2) all 4 units must be used
M0E1IH	Communications 3)
M0E1SP	Communications 4)
M0E2N1	At the Supermarket 1)
M0E2N2	At the Supermarket 2) all 4 units must be used
M0E2IH	At the Supermarket 3)
M0E2SP	At the Supermarket 4)



Each unit is related to a specific 5-14 Mathematics outcome as follows:



- N1 units:** Number, Money and Measurement, including a separate Mental section; a calculator **must not** be used
- N2 units:** Number, Money and Measurement, including Problem Solving; a calculator may be used
- IH units:** Information Handling, including Problem Solving
- SP units:** Shape, Position and Movement, including Problem Solving



Each test is designed to cover a wide range of targets within each outcome.



A calculator **must not** be used for any N1 unit at Level E.



<p>M8E1</p>  <p>WAX WORKS THEATRE SHOWS</p> <p>TELECOM TOWER HOUSES OF PARLIAMENT BIG BEN</p> <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	TAKE A BREAK	
	CONTEXT	London as a tourist destination.
	M8E1N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. A family takes an autumn break in London. The items focus on some tourist attractions and travelling around London. Pupils may not use a calculator in this unit.</p>
	M8E1N2	Number, Money and Measurement, including problem solving. The items in this unit are based on London and its tourist attractions. Pupils may use a calculator in this unit.
	M8E1IH	Information Handling, including problem solving. Aspects of London's climate and using a travel brochure to calculate the cost of a short break are among the topics addressed in this unit.
	M8E1SP	Shape, Position and Movement, including problem solving. The items in this unit look at some of London's famous landmarks.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.	

<p>M8E2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	INTERNATIONAL YOUTH GAMES	
	CONTEXT	Young athletes from different countries compete in an international sporting event.
	M8E2N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Young athletes travel from all over the world to take part in the Games. Pupils may not use a calculator in this unit.</p>
	M8E2N2	Number, Money and Measurement, including problem solving. The competitors, the events and the spectators provide the basis for this unit. Pupils may use a calculator in this unit.
	M8E2IH	Information Handling, including problem solving. The organisers of the Games ask a team of researchers to look at some features of the event.
	M8E2SP	Shape, Position and Movement, including problem solving. The items in this unit are based on the flags, the signs and the courses set up at the Games.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, set of compasses, calculator.	

<p>M9E1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	SPORTING LIFE	
	CONTEXT	The units in this test are each related to different aspects of sport, focusing on the sports of canoeing, ski-ing and cycling.
	M9E1N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Cathy is keen on canoeing. She is a member of a Canoe Club and likes to enter competitions with the Club. Pupils may not use a calculator in this unit.</p>
	M9E1N2	Number, Money and Measurement, including problem solving. This unit looks at different aspects of ski-ing and going on a ski holiday. Pupils may use a calculator in this unit.
	M9E1IH	Information Handling, including problem solving. Ski-ing is the focus of this unit, looking at information such as the cost of lift passes, the availability of ski lessons and the temperature and weather within a ski resort.
	M9E1SP	Shape, Position and Movement, including problem solving. This unit is related to cycling. Rick is a keen cyclist and decides to build his own bicycle.
EQUIPMENT/ RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.	

<p>M9E2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>THE ICE RINK</p>	
	<p>CONTEXT</p>	<p>A new ice rink is opened. Aspects of running the facility and the different activities on offer – skating, curling and ice hockey – are discussed.</p>
	<p>M9E2N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Various aspects of the new ice rink are discussed. Pupils may not use a calculator in this unit.</p>
	<p>M9E2N2</p>	<p>Number, Money and Measurement, including problem solving. This unit is based on information about the ice rink and on the activities of skating and curling which take place there. Pupils may use a calculator in this unit.</p>
	<p>M9E2IH</p>	<p>Information Handling, including problem solving. Running costs, the number of visitors and admission costs to the ice rink provide the basis for the questions in this unit.</p>
	<p>M9E2SP</p>	<p>Shape, Position and Movement, including problem solving. Ice hockey and curling provide the focus for this unit.</p>
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.</p>	

<p>M0E1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>COMMUNICATIONS</p>	
	<p>CONTEXT</p>	<p>Various aspects of spoken, written and visual communication provide the focus for the items in this test.</p>
	<p>M0E1N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.</p>
	<p>M0E1N2</p>	<p>Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.</p>
	<p>M0E1IH</p>	<p>Information Handling, including problem solving.</p>
	<p>M0E1SP</p>	<p>Shape, Position and Movement, including problem solving.</p>
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, ruler, calculator, protractor, compasses.</p>	

<p>M0E2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	<p>AT THE SUPERMARKET</p>	
	<p>CONTEXT</p>	<p>The units in this test look at various aspects of shopping and working in a supermarket.</p>
	<p>M0E2N1</p> 	<p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.</p>
	<p>M0E2N2</p>	<p>Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.</p>
	<p>M0E2IH</p>	<p>Information Handling, including problem solving.</p>
	<p>M0E2SP</p>	<p>Shape, Position and Movement, including problem solving.</p>
<p>EQUIPMENT/ RESOURCES</p>	<p>Each pupil: pencil/pen, rubber, cm ruler, calculator, compasses.</p>	

OUTCOME RELATED TESTS



<i>Reference No.</i>	<i>Title of Unit</i>		
M8F2N1	Land, Sea and Air 1)	
M8F2N2	Land, Sea and Air 2)	all 4 units must be used
M8F2IH	Land, Sea and Air 3)	
M8F2SP	Land, Sea and Air 4)	
M8F3N1	Mainly Music 1)	
M8F3N2	Mainly Music 2)	all 4 units must be used
M8F3IH	Mainly Music 3)	
M8F3SP	Mainly Music 4)	
M9F1N1	Outdoor Education Week 1)	
M9F1N2	Outdoor Education Week 2)	all 4 units must be used
M9F1IH	Outdoor Education Week 3)	
M9F1SP	Outdoor Education Week 4)	
M9F2N1	Moving House 1)	
M9F2N2	Moving House 2)	all 4 units must be used
M9F2IH	Moving House 3)	
M9F2SP	Moving House 4)	
M0F1N1	Fire Fighters 1)	
M0F1N2	Fire Fighters 2)	all 4 units must be used
M0F1IH	Fire Fighters 3)	
M0F1SP	Fire Fighters 4)	
M0F2N1	The Romans 1)	
M0F2N2	The Romans 2)	all 4 units must be used
M0F2IH	The Romans 3)	
M0F2SP	The Romans 4)	

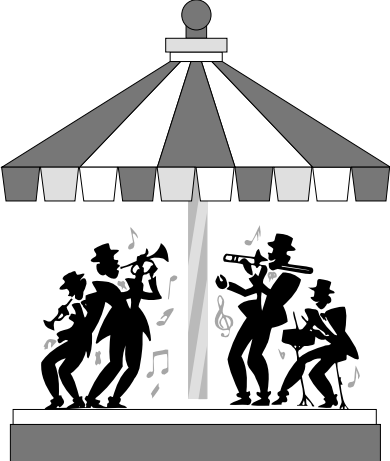

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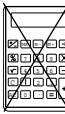
- N1 units:** Number, Money and Measurement, including a separate Mental section;
a calculator **must not** be used
- N2 units:** Number, Money and Measurement, including Problem Solving;
a calculator may be used
- IH units:** Information Handling, including Problem Solving;
a calculator may be used
- SP units:** Shape, Position and Movement, including Problem Solving;
a calculator may be used

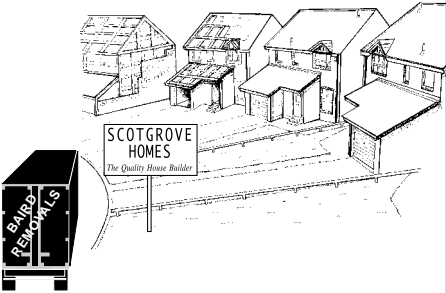

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A calculator **must not** be used for any N1 unit at Level F.

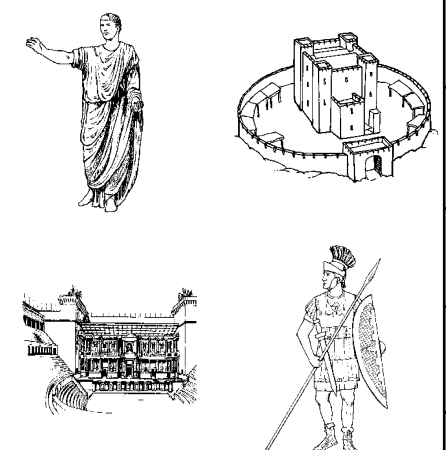

<p>M8F2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	LAND, SEA AND AIR	
	CONTEXT	Transport and transportation by land, by sea and by air.
	M8F2N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.</p>
	M8F2N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M8F2IH	Information Handling, including problem solving. Pupils may use a calculator in this unit.
	M8F2SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, calculator.	

<p>M8F3</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	MAINLY MUSIC	
	CONTEXT	Music, Musical Instruments and Concerts.
	M8F3N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.</p>
	M8F3N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M8F3IH	Information Handling, including problem solving. A school concert band is raising money to go on a foreign concert tour. Pupils may use a calculator in this unit.
	M8F3SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.	

<p>M9F1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	OUTDOOR EDUCATION WEEK	
	CONTEXT	Pupils take part in various activities at an Outdoor Education Centre.
	M9F1N1	 <p>This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.</p>
	M9F1N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M9F1IH	Information Handling, including problem solving. Pupils may use a calculator in this unit.
	M9F1SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.	

<p>M9F2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	MOVING HOUSE	
	CONTEXT	The units in this test look at different aspects of moving house such as looking at plans, various costs involved, decorating rooms and creating a garden.
	M9F2N1 	This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.
	M9F2N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M9F2IH	Information Handling, including problem solving. Pupils may use a calculator in this unit.
	M9F2SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, cm ruler, protractor, calculator.	

<p>M0F1</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	FIRE FIGHTERS	
	CONTEXT	The units in this test look at different aspects of the work of fire fighters and the service they provide.
	M0F1N1 	This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.
	M0F1N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M0F1IH	Information Handling, including problem solving. Pupils may use a calculator in this unit.
	M0F1SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, ruler, calculator, protractor, compasses.	

<p>M0F2</p>  <p>Note: pupils must complete all 4 units in this test. A calculator must not be used in the unit indicated.</p>	THE ROMANS	
	CONTEXT	The units in this test are based on the ancient Romans and their culture.
	M0F2N1 	This paper comprises a separate Mental section and a written Number, Money and Measurement paper. Pupils may not use a calculator in this unit.
	M0F2N2	Number, Money and Measurement, including problem solving. Pupils may use a calculator in this unit.
	M0F2IH	Information Handling, including problem solving. Pupils may use a calculator in this unit.
	M0F2SP	Shape, Position and Movement, including problem solving. Pupils may use a calculator in this unit.
EQUIPMENT/RESOURCES	Each pupil: pencil/pen, rubber, ruler, calculator, protractor, compasses.	