

Mapping the DfES secondary induction programme to the national occupational standards for teaching assistants - Mathematics module

		National Occupational Standards for TAs													
		2-1 Help with classroom resources and records	2-2 Help with the care and support of pupils	2-3 Provide support for learning activities	2-4 Provide effective support for your colleagues	2-5 Support literacy and numeracy activities in the classroom	3-1 Contribute to the management of pupil behaviour	3-2 Establish and maintain relationships with individual pupils and groups	3-3 Support pupils during learning activities	3-4 Review and develop your own professional practice	3-5 Assist in preparing and maintaining the learning environment	3-6 Contribute to maintaining pupils records	3-7 Observe and report on pupil performance	3-8 Contribute to the planning and evaluation of learning activities	3-9 Promote pupils' social and emotional development
Outline content of Mathematics module for teaching assistants in secondary schools															
Pre-course preparation															
1	Observation of a mathematics lesson					<input type="checkbox"/>								▲	
Unit 1 Mathematics strand of the KS3 National Strategy															
2	Doing some mathematics					<input type="checkbox"/>									
3	Key Stage 3 National Strategy					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
4	Structured mathematics lessons					<input type="checkbox"/>									
5	Springboard 7 (video)					<input type="checkbox"/>									
6	Framework for teaching mathematics: Years 7, 8 and 9					<input type="checkbox"/>		<input type="checkbox"/>							
7	Maths game			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Unit 2 Language and mathematics															
8	Importance of talking and listening			<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>							
9	Listening to pupils			<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>			
10	Importance of questioning			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
11	Helping a child who is 'stuck'			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
12	Secondary school pupils who have EAL					<input checked="" type="checkbox"/>									
13	Counting stick					<input type="checkbox"/>									
Unit 3 Approach to calculations 1: addition & subtraction															
14	Mental calculation strategies					<input checked="" type="checkbox"/>									
15	Developing calculation strategies					<input checked="" type="checkbox"/>									
16	Blank number line					<input checked="" type="checkbox"/>									
17	Recording work					<input checked="" type="checkbox"/>									
18	Target board					<input type="checkbox"/>									
Between-session activities															
19	Observation of a lesson using Springboard 7					<input type="checkbox"/>									
20	Planning in relation to the Framework for Teaching Mathematics					<input type="checkbox"/>		<input type="checkbox"/>					<input type="checkbox"/>		

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Outline content of Mathematics module for teaching assistants in secondary schools														
Unit 4 Approach to calculations 2: multiplication & division														
21 Mental strategies for multiplication and division					■									
22 Grid method of multiplication					■									
23 An approach to division					■									
24 Multiplication & division game (activity)					□									
Unit 5 The role of the TA in structured mathematics lessons (Part 1)														
25 Oral and mental starter					□									
26 Role of the TA in the three-part lesson			■		■			■						
Unit 6 The role of the TA in structured mathematics lessons (Part 2)														
27 An oral and mental starter					□									
28 The structured mathematics lesson			■		■			■						
29 Communicating with teachers			□		□			□				□		

KEY

- Awareness raising
- Developing knowledge
- ▲ Applying knowledge and practising skills

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		3-10	3-11	3-12	3-13	3-14	3-15	3-16	3-17	3-18	3-19	3-20	3-21	3-22	3-23
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Outline content of Mathematics module for teaching assistants in secondary schools		Support the maintenance of pupil safety and security	Contribute to the health and well-being of pupils	Provide support for bilingual or multilingual pupils	Support pupils with communication and interaction difficulties	Support pupils with cognitive and learning difficulties	Support pupils with behavioural, emotional and social development needs	Provide support for pupils with sensory and/or physical impairment	Support the use of ICT in the classroom	Help pupils to develop their literacy skills	Help pupils to develop their numeracy skills	Help pupils to access the curriculum	Support the development and effectiveness of work teams	Develop and maintain working relationships with other professionals	Liaise effectively with parents
Unit 4 Approach to calculations 2: multiplication & division															
21	Mental strategies for multiplication and division									■	■				
22	Grid method of multiplication									■	■				
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