

GINA Maths Access Year 2

30 Lessons					
	Objective	Do together	Spot the Mistake	Independent Task	Equipment
1	Counting to 10	Count objects (e.g., pencils, blocks) up to 10 together.	Identify the incorrect counting sequence (e.g., 1, 2, 3, 5, 6, 7).	Count and write the number of objects in different sets.	Counters, pencils, and worksheets.
2	Reading and Writing Numbers to 10	Read and write numbers using number cards or a whiteboard.	Identify the incorrectly written or read number.	Spot the Mistake: Independent Task: Write numbers dictated by the teacher or read numbers from a worksheet.	Number cards, whiteboard, pencils, and worksheets.
3	One-to-One Correspondence (0-10)	Match objects with their corresponding number.	Identify the incorrect matching of objects and numbers.	Represent numbers using concrete objects.	Counters, number cards, and worksheets.
4	Comparing Numbers (0-10)	Compare numbers using vocabulary like "greater than," "less than," and "equal to."	Identify the incorrect comparison of numbers	Compare numbers and record the appropriate symbol (<, >, =).	Number cards, whiteboard, and worksheets.
5	Adding and Subtracting within 5	Use counters or a number line to model addition and subtraction within 5.	Identify the incorrect addition or subtraction problem.	Solve addition and subtraction problems within 5 using counters or a number line.	Counters, number line, pencils, and worksheets.
6	Adding and Subtracting within 10	Use counters or a number line to model addition and subtraction within 10.	Identify the incorrect addition or subtraction problem.	Solve addition and subtraction problems within 10 using counters or a number line.	Counters, number line, pencils, and worksheets.
7	Mental Addition and Subtraction (0-5)	Mentally add and subtract numbers within 5 using strategies like counting on or back.	Identify the incorrect mental calculation.	Mentally solve addition and subtraction problems within 5.	Whiteboard and worksheets.
8	Mental Addition and Subtraction (0-10)	Mentally add and subtract numbers within 10 using strategies like counting on or back.	Identify the incorrect mental calculation.	Mentally solve addition and subtraction problems within 10.	Whiteboard and worksheets.

9	Addition and Subtraction Word Problems (0-5)	Solve simple word problems involving addition and subtraction within 5.	Identify the incorrect solution to a word problem.	Solve addition and subtraction word problems within 5.	Whiteboard, pencils, and worksheets.
10	Addition and Subtraction Word Problems (0-10)	Solve simple word problems involving addition and subtraction within 10.	Identify the incorrect solution to a word problem.	Solve addition and subtraction word problems within 10.	Whiteboard, pencils, and worksheets.
11	Counting to 20	Count objects (e.g., counters, blocks) up to 20 together.	Identify the incorrect counting sequence (e.g., 11, 12, 13, 15, 16, 17).	Count and write the number of objects in different sets.	Counters, pencils, and worksheets.
12	Lesson 12: Reading and Writing Numbers to 20	Read and write numbers using number cards or a whiteboard.	Identify the incorrectly written or read number.	Write numbers dictated by the teacher or read numbers from a worksheet.	Number cards, whiteboard, pencils, and worksheets.
13	Lesson 13: One-to-One Correspondence (0-20)	Match objects with their corresponding number	Identify the incorrect matching of objects and numbers.	Represent numbers using concrete objects.	Counters, number cards, and worksheets.
14	Lesson 14: Comparing Numbers (0-20)	Compare numbers using vocabulary like "greater than," "less than," and "equal to."	Identify the incorrect comparison of numbers.	Compare numbers and record the appropriate symbol ($<$, $>$, $=$).	Number cards, whiteboard, and worksheets.
15	Lesson 15: Counting to 100 Do Together: Spot the Mistake: Independent Task: Equipment:	Count objects (e.g., counters, blocks) up to 100 together.	Identify the incorrect counting sequence (e.g., 51, 52, 53, 55, 56, 57).	Count and write the number of objects in different sets.	Counters, pencils, and worksheets.

16	Lesson 16: Reading and Writing Numbers to 100	Read and write numbers using number cards or a whiteboard.	Identify the incorrectly written or read number.	Write numbers dictated by the teacher or read numbers from a worksheet.	Number cards, whiteboard, pencils, and worksheets.
17	Lesson 17: Place Value (Ones and Tens)	Represent two-digit numbers using base-ten blocks or other concrete materials.	Identify the incorrect representation of a two-digit number	Represent two-digit numbers using base-ten blocks or other concrete materials.	Base-ten blocks, pencils, and worksheets.
18	Lesson 18: Comparing Numbers (0-100)	Compare numbers using vocabulary like "greater than," "less than," and "equal to."	Identify the incorrect comparison of numbers.	Compare numbers and record the appropriate symbol ($<$, $>$, $=$).	Number cards, whiteboard, and worksheets.
19	Lesson 19: Addition with Regrouping (Tens and Ones) Do Together: Spot the Mistake: Independent Task: Equipment:	Use base-ten blocks or other concrete materials to model addition with regrouping.	Identify the incorrect addition problem or regrouping process.	Solve addition problems involving regrouping using base-ten blocks or other concrete materials.	Base-ten blocks, pencils, and worksheets.
20	Lesson 20: Subtraction with Regrouping (Tens and Ones)	Use base-ten blocks or other concrete materials to model subtraction with regrouping.	Identify the incorrect subtraction problem or regrouping process.	Solve subtraction problems involving regrouping using base-ten blocks or other concrete materials.	Base-ten blocks, pencils, and worksheets.
21	Lesson 21: Addition and Subtraction Word Problems	Solve word problems involving addition and subtraction of two-digit numbers.	Identify the incorrect solution to a word problem.	Solve addition and subtraction word problems with two-digit numbers.	Whiteboard, pencils, and worksheets.

	(Two-Digit Numbers)				
22	Lesson 22: Mental Addition and Subtraction Strategies (Two-Digit Numbers)	Demonstrate mental addition and subtraction strategies for two-digit numbers, such as breaking apart numbers or using compatible numbers.	Identify the incorrect mental calculation.	Solve mental addition and subtraction problems involving two-digit numbers using appropriate strategies.	Whiteboard and worksheets.
23	Lesson 23: Estimation with Numbers to 20	Estimate the number of objects in a set using benchmark numbers (5, 10, 15, 20).	Identify the incorrect estimation.	Estimate the number of objects in different sets using benchmark numbers.	Counters, pencils, and worksheets.
24	Lesson 24: Representing Numbers Using Concrete Objects (0-20)	Represent numbers using concrete objects like counters or base-ten blocks.	Identify the incorrect representation of a number.	Represent different numbers using concrete objects.	Counters, base-ten blocks, pencils, and worksheets.
25	Lesson 25: Pictorial Representations of Numbers (0-20)	Represent numbers using pictorial representations like tally marks or ten frames.	Identify the incorrect pictorial representation of a number.	Represent different numbers using pictorial representations.	Whiteboard, pencils, and worksheets.
26	Lesson 26: Equal Groups and Arrays	Represent and solve problems involving equal groups and arrays using concrete objects or pictorial representations.	Identify the incorrect representation or solution of a problem involving equal groups or arrays.	Solve problems involving equal groups and arrays using concrete objects or pictorial representations	Counters, base-ten blocks, pencils, and worksheets.
27	Lesson 27: Partitioning and Sharing	Represent and solve problems involving partitioning and sharing using concrete objects or pictorial representations.	Identify the incorrect representation or solution of a problem involving partitioning or sharing.	Solve problems involving partitioning and sharing using concrete objects or pictorial representations.	Counters, base-ten blocks, pencils, and worksheets.

28	Lesson 28: Number Patterns	Identify and extend simple number patterns.	Identify the incorrect pattern or extension.	Create and extend number patterns.	Whiteboard, pencils, and worksheets.
29	Lesson 29: Number Lines	Represent numbers on a number line and use it for counting, addition, and subtraction.	Identify the incorrect placement or use of a number line.	Solve problems using a number line.	Number lines, pencils, and worksheets.
30	Lesson 30: Review and Assessment	Review concepts and strategies covered in previous lessons.	Identify mistakes in various problems and representations.	Complete a comprehensive assessment covering all the objectives.	Pencils and assessment worksheets