

Priority Code
 E = Essential
 I = Important
 C = Compact

Kindergarten Math Prioritized Curriculum



Goals and Objectives	Priority	Time	Essential Questions	Suggested Activities	Resources	Assessments
Goal 1: The learner will recognize, model, and write whole numbers through 30.					NC Kindergarten Classroom Strategies NC Kindergarten Week by Week Essentials Teacher made games Music/counting CD's Trade books Text books Professional resource books Adopted curriculum	Teacher observation Report card Student work samples Summative assessment
101 Develop number sense for whole numbers through 30. a. Connect model, number word (orally), and number, using a variety of representations. b. Count objects in a set. c. Read and write numerals. d. Compare and order sets and numbers. e. Use ordinals (1 st -10 th). f. Estimate quantities fewer than or equal to 10. g. Recognize equivalence in sets and numbers 1-10.	E E E E E I E	On-going	a. How can I model numbers in different ways? b. How do I count objects in a set? c. What is this numeral? How do I write the numerals? d. Which set has more/less? Which numeral is largest/smallest? e. How can I use words to tell what order people/objects are in? f. How many objects do I think are in the container? g. What numeral matches this set?	a. Counting Songs, Calendar, Manipulatives, Number Cards. b. Calendar, Manipulatives, Number Cards, Matching/Memory Game. c. Calendar, Number Cards, Matching/Memory Game, Dry Erase Boards. d. Calendar, Number Cards, Manipulatives. e. Calendar, Manipulatives. f. Manipulatives, Estimating Jar. g. Number Cards, Manipulatives		
1.02 Share equally (divide) between two people; explain.	I	On-going	How can I divide a set of _____ equally with a friend?	Manipulatives		

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1.03 Solve problems and share solutions to problems in small groups.	I	On-going	How can I work together to solve a problem? Is there another way to do this?	Morning meeting Calendar Literature connections		

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Goals and Objectives	Priority	Time	Essential Questions	Suggested Activities	Resources	Assessments
Goal 2: The learner will explore concepts of measurement.					NC Kindergarten Classroom Strategies NC Kindergarten Week by Week Essentials Teacher made games Music/counting CD's Trade books Text books Professional resource books Adopted curriculum	Teacher observation Report card Student work samples Summative assessment
2.01 Compare attributes of two objects using appropriate vocabulary (color, weight, height, width, length, texture).	I	On-going	How are the objects alike/different?	Manipulatives Thinking maps		
2.02 Recognize concepts of calendar time using appropriate vocabulary (days of the week, months of the year, seasons).	E	On-going	What are the days of the week? What day is it today? What are the months of the year? What month is it? What are the seasons of the year?	Calendar Manipulatives		

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Goals and Objectives	Priority	Time	Essential Questions	Suggested Reading and Writing Activities	Resources	Assessments
Goal 3: The learner will explore concepts of geometry.					NC Kindergarten Classroom Strategies NC Kindergarten Week by Week Essentials Teacher made games Music/counting CD's Trade books Text books Professional resource books Adopted curriculum	Teacher observation Report card Student work samples Summative assessment
3.01 Identify, build, draw, and name triangles, rectangles, and circles; identify, build, and name spheres and cubes.	I	On-going	What is this shape? How many sides are on a _____? How do I know this is a _____.	Manipulatives Geoboards Pattern blocks Games		
3.02 Compare geometric shapes (identify likenesses and differences).	I	On-going	How are the shapes alike/different? How is this shape like something I've seen before?	Manipulatives Pattern blocks		
3.03 Model and use directional and positional vocabulary.	E	On-going	How can I tell you where things are by only using words?	Manipulatives		
3.04 Complete simple spatial visualization tasks and puzzles	C	On-going	How can I use these shapes to fill a given space?	Puzzles Tangrams Geoboards Pattern blocks		

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Goals and Objectives	Priority	Time	Essential Questions	Suggested Reading and Writing Activities	Resources	Assessments
Goal 4: The learner will collect, organize and display data.					NC Kindergarten Classroom Strategies NC Kindergarten Week by Week Essentials Teacher made games Music/counting CD's Trade books Text books Professional resource books Adopted curriculum	Teacher observation Report card Student work samples Summative assessment
4.01 Collect and organize data as a group activity.	I	On-going	What as a group can we collect and organize to obtain information?	Manipulatives Pictures cards Magazines		
4.02 Display and describe data with concrete and a pictorial graphs as a group activity.	I	On-going	How do I make a graph? What information does a graph tell me?	Manipulatives Floor graph		

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Goals and Objectives	Priority	Time	Essential Questions	Suggested Reading and Writing Activities	Resources	Assessments
Goal 5: The learner will model simple patterns and sort objects.					NC Kindergarten Classroom Strategies NC Kindergarten Week by Week Essentials Teacher made games Music/counting CD's Trade books Text books Professional resource books Adopted curriculum	Teacher observation Report card Student work samples Summative assessment
5.01 Sort and classify objects by one attribute.	E	On-going	How do I sort objects? Explain my sorting rule.	Manipulatives		
5.02 Create and extend patterns with actions, words, and objects.	E	On-going	What kind of pattern can I make?	Manipulatives		