

School: _____

BIE Math Curriculum Map

Grade Level: _____

2022-23 BIE Navajo Year-at-a-Glance Mathematics Curriculum Map

School: Dennehotso Boarding School

Grade Level (K-8) or Course: 1st Grade

Unit (# of Days)	Unit 1 (45 days)	Unit 2 (35 days)	Unit 3 (20 days)	Unit 4 (35 days)	Unit 5 (15 days)
Title	Sums and Differences to 10	Introduction to Place Value Through Addition and Subtraction Within 20	Ordering and Comparing Length Measurements as Numbers	Place Value, Comparison, Addition and Subtraction to 40	Identifying, Composing, and Partitioning Shapes
Overview	Embedded Numbers and Decompositions, Counting On from Embedded Numbers, Addition Word Problems, Strategies for Counting On, The Commutative Property of Addition and the Equal Sign, Development of Addition Fluency Within 10, Subtraction as an Unknown Addend Problem, Subtraction Word Problems, Decomposition Strategies for Subtraction, Development of Subtraction Fluency Within 10	Counting On or Making Ten to Solve Result Unknown and Total Unknown Problems; Counting On or Taking From Ten to Solve Result Unknown and Total Unknown Problems; Strategies for Solving Change or Addend Unknown Problems; Varied Problems with Decompositions of Teen Numbers as 1 Ten and Some Ones	Indirect Comparison in Length Measurement; Standard Length Units (cm); Non-Standard and Standard Length Units (cm); Data Interpretation	Tens and Ones; Comparison of Pairs of Two-Digit Numbers; Addition and Subtraction of Tens; Addition of Tens or Ones to a Two-Digit Number; Varied Problem Types Within 20; Addition of Tens and Ones to a Two-Digit Number	Attributes of Shapes; Part-Whole Relationships Within Composite Shapes; Halves and Quarters of Rectangles and Circles; Application of Halves to Tell Time
<u>Critical Areas (K-8)</u>	1.CA.1	1.CA.1 1.CA.2	1.CA.3	1.CA.1 1.CA.2	1.CA.4
<u>BIE Standards Addressed</u>	1.OA.1, 2, 3, 4, 5, 6, 7, 8	1.OA.1, 2, 3, 4, 6 1.NBT.2a 1.NBT.2b	1.MD.1 1.MD.2 1.MD.4 1.OA.1	1.NBT.1 1.NBT.2 1.NBT.3 1.NBT.4 1.NBT.5 1.NBT.6 1.OA.1	1.G.1 1.G.2 1.G.3
<u>Mathematical Practices</u>	MP2 MP6 MP7 MP8	MP2 MP4 MP7 MP8	MP2 MP3 MP6 MP7	MP3 MP5 MP6 MP7	MP1 MP6 MP7

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Curriculum Resources	Eureka Math Module 1, Topics A-J, Lessons 1-39 *Problem Set *Homework *Exit Ticket	Eureka Math Module 2, Topics A-D, Lessons 1-29 *Problem Set *Homework *Exit Ticket	Eureka Math Module 3, Topics A-D, Lessons 1-13 *Problem Set *Homework *Exit Ticket	Eureka Math Module 4, Topics A-F, Lessons 1-29 *Problem Set *Homework *Exit Ticket	Eureka Math Module 5, Topics A-D, Lessons 1-13 *Problem Set *Homework *Exit Ticket
Other Resources			Use of Centimeter Cubes		
BIE Assessments/Date Window	Fall NWEA	Winter NWEA			Spring NWEA
Other Common Assessments (provide source for each)	*Eureka Math Mid-Module Assessment: Topics A-F (Assessment 1 day, return 1 day, remediation or further applications 1 day) *Eureka Math End-of-Module Assessment: Topics A-J (Assessment 1 day, return 1 day, remediation or further applications 1 day)	*Eureka Math Mid-Module Assessment: Topic A (Assessment 1 day, return 1 day, remediation or further applications 1 day) *Eureka Math End-of-Module Assessment: Topics A-D (Assessment 1 day, return 1 day, remediation or further applications 1 day)	*Eureka Math End-of-Module Assessment: Topics A-D (Assessment 1/2 day, return 1/2 day, remediation or further applications 1/2 day)	*Eureka Math Mid-Module Assessment: Topics A-C (Assessment 1 day, return 1 day, remediation or further applications 1 day) *Eureka Math End-of-Module Assessment: Topics A-F (Assessment 1 day, return 1 day, remediation or further applications 1 day)	*Eureka Math End-of-Module Assessment: Topics A-D (Assessment 1/2 day, return 1/2 day, remediation or further applications 1/2 day)
Notes/Additional Considerations - Cross Curricular - Cultural Connection - Possible Challenges			Lessons use Centimeter cubes; Standard Unit is in Centimeters- Consider teaching the Standard Unit Inches as well		

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Unit #/Dates	Unit 6 (35 days)	Unit 7 (__days)	Unit 8 (__days)	Unit 9 (__days)	Unit 10 (__days)
Title	Place Value, Comparison, Addition and Subtraction to 100				
Overview	Comparison Word Problems; Numbers to 120; Addition to 100 Using Place Value Understanding; Varied Place Value Strategies for Addition to 100; Coins and Their Values; Varied Problem Types Within 20				
Critical Areas (K-8)	1.CA.1 1.CA.2				
BIE Standards Addressed	1.OA.1 1.NBT.1 1.NBT.2a 1.NBT.2c 1.NBT.3 1.NBT.4 1.NBT.5 1.NBT.6 1.MD.3				
Mathematical Practices	MP.1 MP.3 MP.4 MP.5				
Curriculum Resources	Eureka Math Module 6, Topics A-G, Lessons 1-30 *Problem Set *Homework *Exit Ticket				

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Other Resources					
BIE Assessments/Date Window	Spring NWEA				
- Other Common Assessments (provide source for each)	*Mid-Module Assessment: Topics A–D (assessment 1 day, return 1 day, remediation or further applications 1 day) *End-of-Module Assessment: Topics A–F (assessment 1 day, return ½ day, remediation or further applications ½ day)				