
Coal City Unit District #1
Kindergarten
Math Curriculum

- MA.K:1 Students will demonstrate an understanding of number recognition and counting. (CC)**
- MA.K:1-1 Rote to 100 by 1's. (K.CC.A.1,2)
 - MA.K:1-2 Rote to 100 by 10's. (K.CC.A.1)
 - MA.K:1-3 Identify numbers 0-20.
 - MA.K:1-4 Write numbers from 0-20. (K.CC.A.3)
 - MA.K:1-5 Count a group of objects using one-to-one correspondence up to 20. (K.CC.B.4,5)
 - MA.K:1-6 Compare 2 written numbers between 1 and 10 to determine greater than, less than, or equal to. (K.CC.C.6,7)
- MA.K:2 Students will demonstrate an understanding of addition and subtraction. (OA)**
- MA.K:2-1 Solve addition word problems 1-10 using objects or drawings. (K.OA.A.2)
 - MA.K:2-2 Solve subtraction word problems 1-10 using objects or drawings. (K.OA.A.2)
 - MA.K:2-3 Decompose numbers 10 or less into different numbers using drawings or objects. (e.g. $5=3+2$). (K.OA.A.3)
 - MA.K:2-4 Write missing addend to make 10 when added to the given number. ($4+ _ = 10$) (K.OA.A.4)
 - MA.K:2-5 Orally state the correct answer when shown a visual addition fact family to five. (K.OA.A.5)
 - MA.K:2-6 Orally state the correct answer when shown a visual subtraction fact family to five. (K.OA.A.5)
 - MA.K:2-7 Represent addition with expressions or equations (K.OA.A.1)
 - MA.K:2-8 Represent subtraction with expressions or equations (K.OA.A.1)
- MA.K:3 Students will demonstrate an understanding of numbers 11 to 19 using base 10. (NBT)**
- MA.K:3-1 Compose numbers from 11-19 using ten ones and additional ones using objects or drawings. (K.NBT.A.1)
 - MA.K:3-2 Record numbers from 11-19 into ten ones and additional ones by using objects or drawings. ($10+3=13$) (K.NBT.A.1)
 - MA.K:3-3 Decompose numbers from 11-19 into ten ones and additional ones by writing an equation. ($13=10+3$) (K.NBT.A.1)

MA.K:4 Students will demonstrate an understanding of the concept of measurement. (MD)

- MA.K:4-1 Describe measurable attributes of objects. (e.g. length, weight) (K.MD.A.1)
- MA.K:4-2 Compare two objects with a measurable attribute in common to see which has “more of”/”less of” the attribute. (K.MD.A.2)
- MA.K:4-3 Sort and graph objects to determine greater than, less than, or equal to. (K.MD.B.3)

MA.K:5 Students will demonstrate an understanding of geometric shapes. (G)

- MA.K:5-1 Name shapes: square, circle, triangle, rectangle, hexagon, cube, cone, cylinder, and sphere. (K.G.A.2)
- MA.K:5-2 Correctly describe an object using the name of the shape and its position. (e.g. above, below, beside, in front of, next to) (K.G.A.1)
- MA.K:5-3 Identify shapes as two-dimensional (flat) or three-dimensional (solid). (K.G.A.3)
- MA.K:5-4 Compare two-dimensional objects describing similarities and differences. (e.g. sides, corners, other attributes) (K.G.B.4)
- MA.K:5-5 Compare three-dimensional objects describing similarities and differences. (e.g. sides, corners, other attributes) (K.G.B.4)
- MA.K:5-6 Build and draw environmental shapes using different materials. (K.G.B.5)
- MA.K:5-7 Compose simple shapes to form larger shapes (pattern blocks). (K.G.B.6)