

2017-18 Pentathlon Curriculum Updates

In the *Mathematics Resource Guide*, page 7, the example under Number Order should read: $-5 < -3$.

In the *Mathematics Resource Guide*, starting on page 13, percentage: answer to question should be $\frac{3}{13}$ (23.08%) since we are asked what is the percentage of large marbles in the bag. The question should state "marbles in the bag?"

In the *Mathematics Resource Guide*, page 14, Inversely Proportional: the x and the a should be switched.
 $Y = 1$ over x times a

In the *Mathematics Resource Guide*, page 20, $45^\circ - 45^\circ - 90^\circ$ Triangle Theorem: the hypotenuse will have a length $\sqrt{2} a$:

In the *Mathematics Resource Guide*, page 21, 30-60-90 triangles: side opposite the 60 angle is a times the square root of 3, this needs a variable "a" after the square root of three.

In the *Mathematics Resource Guide*, page 26, The following sentence should read: This will give us n isosceles triangles where n is the number of sides of the polygon.

In the *Mathematics Resource Guide*, page 27, PI: 3.14159

In the *Mathematics Resource Guide*, page 28, the equation in the first sentence should read $\sqrt{3} \div 2$

In the *Mathematics Resource Guide*, page 28, the fifth bullet should read $a\sqrt{2}$; the sixth bullet should read $a\sqrt{3}$; and the last bullet should read 3.14159.

In the *Fine Arts Resource Guide*, on page 65, column 2, in the 7th line of the 1st paragraph "top" should be corrected to read "bottom." And, in the 13th line of this paragraph, "right" should be corrected to read "left."

In the *Social Science Resource Guide*, page 29, the sentence should read "The monsoon winds blew north and east toward Arabia and India from May to October, and then reversed to the south and west back toward the Swahili coast between November and March."