

TESTING

1 2 3

MATH



1st & 2nd Grade

Objective: Data Analysis – Organize, describe and display data using concrete objects, pictures, grids and numbers.

Activity: For a week, collect the temperatures for each day, both highs and lows. Then chart the information using color: blue 0-40 degrees; green 41-60 degrees; yellow 61-80 degrees; and red 80 degrees and higher. Point out the highest and lowest temperatures of the week and write those in an equation.

3rd to 5th Grade

Objective: Number operations and computation – the student can estimate and compute with whole numbers.

Activity: Call the newspaper's classified department and find out the cost per word for a classified ad. Then, with that information available, pick 10 classified ads of varying length and determine the costs. You might also want to average the cost of the 10 ads.

6th – 8th Grade

Objective: Student will use numbers and number relationships to solve problems. The results will be used to acquire basic facts and determine the reasonableness of results.

Activity: Find the obituaries in the newspaper. Figure the average age of death for those listed. Extend the activity by figuring other statistics from the obituaries, such as percentage of men and women listed. You may collect this data daily or for a week.

9th – 12th Grade: SAT & ACT questions

SAT Question: The population of Norson, the largest city in Transiania, is 50 percent of the rest of the population of Transiania. The population of Norson is what percent of the entire population of Transiania?

- a. 20%
- b. 25%
- c. 30%
- d. $33 \frac{1}{3} \%$
- e. 50%

ACT Question: In the standard (x,y) coordinate plane, the graph of $(x-2)^2 + (y+4)^2 = 9$ is a circle. What is the area enclosed by this circle, expressed in square coordinate units?

- a. 3π
- b. 4π
- c. 6π
- d. 9π
- e. 16π

ALL GRADES:

EXTRA, EXTRA:

Winter is approaching. Look through today's paper for pictures, words or art that indicate the approaching season. Decorate a bulletin board with the findings.

This weekly feature will run from September 15 to March 30, except on holidays. Each week the newspaper activities will connect to P.A.S.S. objectives; teachers can find the teachers' version of the feature and the exact P.A.S.S. standards in the teacher's guide. Math, Language Arts, Writing and Social Studies activities will rotate each week. For more information visit www.tulsaworld.com/nie. Thank you to Dianna Buck and Sarah Ramsey for their contributions to this feature.



Answers: SAT Question - D; ACT Question - D

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