

# TESTING

# E1/2/3E

## MATH



### 1st & 2nd Grade

**Objective:** The student will read, write and model numbers and number relationships to 100.

**Activity:** Search the newspaper for numbers one to 100 and then cut out the numbers and put them in order of 1-100. Write in numbers that are not found in the newspaper.

### 3rd to 5th Grade

**Objective: Measurement:** The student will use geometric properties and relationships to analyze shapes and use standard units of customary and metric measurements to solve problems.

**Activity:** Make a paper airplane using the newspaper. For the teacher: Then from the same location, each student will fly their airplane. The students will then mark the flight of their airplanes from start to finish using string. The string will then be measured using a ruler. They will record that measurement in standard and metric units. Students can then calculate the differences in length between the airplanes' flights.

### 6th – 8th Grade

**Objective: Geometry and Measurement:** The student will use measurement to solve problems in a variety of contexts.

**Activity:** Determine the size of one page of the newspaper and then determine how many pages are in the newspaper today. If you were to lay all the pages of the paper together on the floor into a giant square or rectangle, what would be its measurements? Show the formula that you used to find the answer and convert / compare the units within your systems.

### 9th – 12th Grade

**SAT Question:** If S is the set of positive integers that are multiples of 7, and if T is the set of positive integers that are multiples of 13, how many integers are in the intersection of S and T?

- A. None
- B. One
- C. Seven
- D. Thirteen
- E. More than Thirteen

**ACT Question:** A particle travels  $1 \times 10^8$  centimeters per second in a straight line for  $4 \times 10^{-6}$  seconds. How many centimeters has it traveled?

- A.  $2.5 \times 10^2$
- B.  $2.5 \times 10^{13}$
- C.  $4 \times 10^2$
- D.  $4 \times 10^{-14}$
- E.  $5 \times 10^{-48}$

### ALL GRADES:

#### EXTRA, EXTRA:

Daylights Savings Time starts this Sunday. Clocks will go back one hour. Search [www.tulsaworld.com](http://www.tulsaworld.com) for articles on Daylights Savings Time; how is the government a part of the time change and how has it affected our lives?

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](http://www.tulsaworld.com/nie). Thank you to Dianna Buck and Sarah Ramsey for their contributions to this feature.



Answers: SAT Question - E; ACT Question - C