

To All Prospective Heritage Academy Scholars for the 7th - 9th Grades, & Parents,

Thank you for applying to attend school at Heritage Academy. As you know, the 7th grade is our entry grade; therefore all prospective students will be tested to determine placement in perspective 7th, 8th, and 9th grade classes:

Date: _____ **Time:** _____

NOTE: If you are unable to attend the testing time scheduled above, please call the school asap to notify them and make arrangements for an alternate testing date.

The test will include the following specific areas of reading, writing, and math, as well as a timed test of multiplication facts, all of which are adapted from the Arizona state standards for elementary grades. If you have any questions about these standards, you may want to visit with your student's elementary school teachers.

Reading:

1. Be able to identify synonyms (similar meanings of words) or antonyms (opposite meanings of words).
2. Be able to identify homonyms (same sound but different meanings of words).
3. Be able to comprehend literature by making inferences (predictions about content in literature based on educated guesses about content).
4. Be able to identify the narrative point of view such as 1st, 2nd, 3rd person, or 3rd person omniscient (all knowing) in a literary selection.
5. Be able to describe plot elements, from exposition (beginning of story) of characters/setting/conflict, to rising action, to climax, and eventually falling action with resolution at the end.
6. Be familiar with different forms of writing such as narratives (1st person personal experiences as well as stories), expository (informational) writing, and poetry.
7. Be able to identify an author's purpose(s) for writing poetry or a piece of expository (informational) text.
8. Be able to distinguish fact from opinion in a piece of writing.
9. Be able to identify rhyme schemes in a poem, and be familiar with stanzas and verses in poetry.
10. Be familiar with figurative language such as metaphors (comparisons of two different things not using like or as), similes (comparisons of two different things using like or as), personification (gives human characteristics to nonhuman things), and alliteration (same sound of beginning letters of two words or more).

Writing:

1. Be familiar with the prewriting process for a letter or essay.
2. Be able to draft and edit a piece of writing, with attention to spelling, grammar, punctuation, and capitalization
3. Be familiar with other traits of good writing, particularly in the use of good word choice, and correct sentence structure.

(over)

Math:

I. Decimals

- a. Adding, subtracting, multiplying, dividing

II. Money

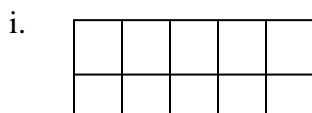
- a. Adding, subtracting, multiplying, dividing
b. Counting money
 i. Joe has 10 quarters, 3 dimes, 5 nickels. How much money does he have?
c. Giving change
 i. John gave the clerk \$20 for a CD that cost \$11.95 with \$.53 tax. How much did he get back?

III. Time

- a. Elapsed time
 i. At 3:15pm Donna is released from school. She has an appointment at 7:00pm. How much time does she have until her appointment?

IV. Fractions

- a. Visual representation



What fraction is shaded?

- b. Adding, subtracting, multiplying, dividing
c. Changing from mixed number to improper fraction and visa versa
 i. $5\frac{1}{2} = \frac{8}{2}$
d. Reducing fractions

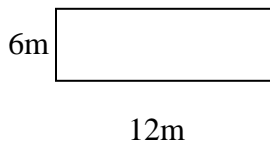
V. Measurement

- a. Measuring in standard and metric units

VI. Geometry

- a. Perimeter

- i. Find the perimeter

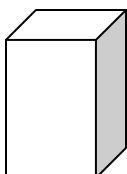


- b. Area

- i. Find the area of the above rectangle.

- c. Volume

- i. Find the volume.



Find the area of this figure.

