

At the HHS late-arrival on October 26th, teachers met to develop questions to assess students' progress on mastering the "Must-Knows" of the courses they are taking. Teachers developed questions to use as Bell-Ringers (warm-ups), quizzes, and on unit assessments. These questions focused on College Readiness Skills for the four core content areas (English, Reading, Math, Science). Below you will see examples of a question from each of the content areas. Reading has been excluded due to the length of those passages.

Science:

Student 3

In tomato plants, stem color is determined by 1 gene (Gene C). Gene C has 3 alleles (C1, C2, and C3). Each tomato plant receives 1 Gene C from each parent. Table 3 shows the 6 possible genotypes and the phenotype for stem color that results from each genotype.

Genotype	Phenotype
C1C1	Purple
C1C2	Green
C1C3	Purple
C2C2	Green
C2C3	Green
C3C3	Green

1. Based on Student 3's model, which of the following crosses will most likely result in the highest percent of purple-stemmed offspring?

- A. $C1C2 \times C1C1$
- B. $C1C3 \times C1C1$
- C. $C2C2 \times C2C2$
- D. $C2C3 \times C2C2$

Math:

2. The function $p(q) = q^2 - 7$ and $f(s) = 9$. If $2f(s) = p(q)$, what is the value of q ?

- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

English:

In the passage below, certain words and phrases are underlined and numbered. Choose the alternative that best expresses the idea, makes the statement appropriate for standard written English, or is worded most consistently with the style and tone of the passage as a whole. If you think the original version is best, choose "NO CHANGE".

In order to achieve the highest degree of success, one must discover the most effective way in

(1)

which one learns and studies. Not everyone has the same learning style neither will they study

(2)

with the same style. One type of student, an auditory learner, retains the most information by

(3)

sitting and listening another type of student, a visual learner, needs to see information presented

(4)

in order to commit the material to memory. Kinesthetic learners are people who physically must be actively involved in applying the skill to be learned. Identifying one's learning style is an

(5)

important step toward academic success.

3. (5) A. NO CHANGE

B. Kinesthetic learners must be physically and actively involved in their learning.

C. Being physically and actively involved is what kinesthetic learners need.

D. In order to apply skills necessary to be learned, people who learn physically and actively are kinesthetic learners.

Consider how you would fare if asked these questions! These are the types of skills that our students are being asked to practice on a daily basis.

Teachers also spent time in the late-arrival learning how to use data from the Freshmen Scantron Performance Series to focus their instruction. The data gives specific breakdowns on each student's and classes' performance on standards in reading and math. It also gives access to resources for teachers to address any standards that may need to be supplemented in the classroom. The next late arrival date is November 9th.