



Student Learning Experienced Differently  
Cumberland County Schools' Non-Traditional Instruction Program

## GRADE LEVEL: 8

A TOTAL OF THREE ACTIVITIES SHOULD BE COMPLETED FOR EACH DAY.

### SLED DAY #6

#### ONLINE OPTION

Students will log into IXL (www.ixl.com) and complete THREE new lessons to 85% in one of the following subjects of their choice:

Lessons must be completed on Grade Level.

**Language Arts**  
**Math**  
**Science**  
**Social Studies**

#### ENGLISH

*Rewrite the following paragraphs making the correct capitalization changes that are necessary to make each paragraph correct.*

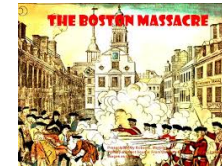
as we send our children to school everyday, it's important to know how clean and healthy their schools are. because students spend approximately 14,000 hours inside buildings over the course of their school years, one area of growing concern is air quality in schools - particularly for children suffering from allergies or asthma. asthma affects close to five million children and leads to 10 million missed school days every year, according to the american lung association.

That makes asthma the number one cause of school absenteeism due to chronic illness. the lack of good quality of indoor air may adversely impact these children - and the adults who teach them. "we know that fresh air, proper circulation and managing humidity are important in our homes," said dr. mary lasley, pediatric allergist. "Why shouldn't this be true in a school?"

Part of the air quality problem can be traced to energy conservation. Since the energy crisis in the 1970s, buildings have been tightened up to conserve energy, leading to fresh air circulation problems. And school systems tend to close down heat and air systems at night to further conserve energy. This can easily expand problems of poor air circulation and create excess relative humidity in the school, contributing to mold and dust mite growth.

#### SOCIAL STUDIES

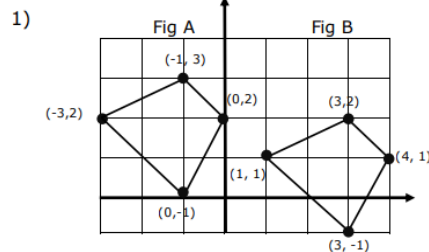
Explain how the Boston Massacre and the Boston Tea Party affect relations between Great Britain and the American colonies.



Boston Tea Party  
(Complete paragraph).

#### MATH

Describe the sequence of transformations that take place from Figure A to Figure B.



#### SCIENCE

*Create a Venn diagram to compare and contrast beneficial, harmful, and neutral mutations using the list provided below.*

##### Mutation Cards

Down Syndrome	Ability to Digest Milk
Sickle Cell Anemia	HIV Resistance
Albinism	Opposable Thumb
Marfan Syndrome	Widow's Peak
Cystic Fibrosis	Hitchhiker's Thumb
Antibiotic Resistant Bacteria	Attached Earlobe

ADD 5 "extra" factors (15 total) to each venn area other than what is listed.

What are mutations and when do they occur? Be thorough.

#### RELATED ARTS

If I could not see and asked you to describe the color blue to me, what would you say? Be descriptive and tell how the color blue feels. (write this on the back of the paper you are using for your artwork)

**Draw a picture of your snow day. For example, you might draw what you see from your window, a still life, or your snow day activities. Please take your time and create a finished picture by using shading techniques and value. (You may use any materials available to you such as: paint, pens, pencils, crayons, colored pencil, and etc.)**