Reading Science and Technology Literature and Videos for Comprehension

Grade Level: 6

Competency 2: Demonstrate the ability to obtain valid health information.

Competency 4: Analyze the influence of culture, media, technology, and other factors on health.

Objective: Students will learn about the importance of child restraint systems, poll their peers, and present information in poster format that includes: headings, graphics, chart, and QR codes (multimedia) to hang in hall possibly during safety week.

Content Strand: PH and CH

Common Core:

CCSS.ELA-Literacy.W.6.2.a Introduce a topic; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.

CCSS.ELA-Literacy.RST.6-8.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.

CCSS.ELA-Literacy.RST.6-8.9 Compare and contrast the information gained from experiments, simulations, video or multimedia sources with that gained from reading a text on the same topic.

Prerequisites: Students should be familiar with navigating around websites; teacher will want to teach students how to create a QR code.

Materials: Computers with Internet
Student smart phones – for reading the QR codes
Poster board

Description:
1. Teacher will engage students with video, "Child Survives Head-on Train Crash – A Seat Belt Lesson"
http://www.youtube.com/watch?v=hOeIrDX8Fjk
2. Teacher will ask students to research information and statistics, from the websites provided below or others that the teacher provides.
3. Teacher will ask the students to create a survey to find out if their peers are aware of the child restraint safety seat laws using the information gathered. Students may create a questionnaire/interview type poll, or use online software to create a poll/survey. (https://www.surveymonkey.com or http://www.polleverywhere.com/)
4. Once students have gathered information, they will become aware that their peers do not know the facts about child restraint seats. Analyzing where the gaps of knowledge are, they will design posters to hang around the school to educate peers and possibly parents (community). They will need to include images, headings, tables, QR codes. The QR codes are very important as students integrate technology into their poster presentation. The QR code will take them to a website that contains information or a video to educate, inform, or leave an impression on their audience.
5. QR codes can be made at:
http://qr.net/
http://qrcode.kaywa.com/

https://goo.gl/

Resources:
Child Survives Head-on Train Crash –A Seat Belt Lesson (Teacher only needs to show first 5 minutes)
http://www.youtube.com/watch?v=hOeIrDX8Fjk

Keeping Children Safe in Crashes – Institute of Highway Safety
http://www.youtube.com/watch?v=3YF34gzwiaQ

Child Restraint State Laws- Chart
http://www.iihs.org/iihs/topics/laws/safetybeltuse?topicName=safety-belts

World Health Organization: Seat Belts and Child Restraints – A Road Safety Manual (Begin Module 1: Page 3)
http://who.int/roadsafety/projects/manuals/seatbelt/seat-belt.pdf?ua=1

Car Seat Facts – Includes car seat checklist for parents
http://www.safekids.org/safetytips/field_risks/car-seat

QR Codes in the Classroom
http://www.freetech4teachers.com/2012/04/qr-codes-explained-and-ideas-for.html

QR Code Generators
http://qr.net/
http://qrcode.kaywa.com/
https://goo.gl/