

Teacher: Mr. Pierre

Class: SEP 9

Date: 4/17/18

Unit: Planning a Professional Website

Topic: Flexbox Froggy

Lesson Plan: — of —

Lesson Type: Informational

Duration: 1 Period

Learning Standards:

NYS Standards:

ELA

S.1: Language for Information and Understanding Students will listen, speak, read, and write for information and understanding. As listeners and readers, students will collect data, facts, and ideas; discover relationships, concepts, and generalizations; and use knowledge generated from oral, written, and electronically produced texts. As speakers and writers, they will use oral and written language that follows the accepted conventions of the English language to acquire, interpret, apply, and transmit information.

S.2: Students will read and listen to oral, written, and electronically produced texts and performances from American and world literature; relate texts and performances to their own lives; and develop an understanding of the diverse

social, historical, and cultural dimensions the texts and performances represent. As speakers and writers, students will use oral and written language that follows the accepted conventions of the English language for self-expression and artistic creation.

S.3: Students will listen, speak, read, and write for critical analysis and evaluation. As listeners and readers, students will analyze experiences, ideas, information, and issues presented by others using a variety of established criteria. As speakers and writers, they will use oral and written language that follows the accepted conventions of the English language to present, from a variety of perspectives, their opinions and judgments on experiences, ideas, information and issues.

MST

S.2: Students will access, generate, process, and transfer information using appropriate technologies.

S.5: Students will apply technological knowledge and skills to design, construct, use, and evaluate products and systems to satisfy human and environmental needs.

CDOS:

S.1: Career Development- Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes, and abilities to future career decisions.

S.3: Universal Foundation Skills- Students will demonstrate mastery of the foundation skills and competencies essential for success in the workplace.

S.3b: Career Majors- Students who choose a career major will acquire the career-specific technical knowledge/skills necessary to progress toward gainful employment, career advancement, and success in postsecondary programs.

Common Core:

CCSS.ELA-LITERACY.RST.9-10.3, CCSS.ELA-LITERACY.RST.9-10.4, CCSS.ELA-LITERACY.W.9-10.2, CCSS.ELA-LITERACY.WHST.9-10.2, CCSS.ELA-LITERACY.WHST.9-10.6

Materials:

Flexbox Froggy, Thimble, Safari, Internet

Accommodations:

Specific accommodations removed for student privacy.

Vocabulary:

CSS Flexbox
Flexbox Froggy

Opening Task:

Open up the Flexbox Froggy website @ <http://flexboxfroggy.com>.

Aim: How can we begin to become familiarized with CSS Flexbox?

Motivation:

So far, whenever we make a number of elements, they are stacked on *top of each other*. So how do you make elements show up *side-by-side*? This is important for layouts because, for example, you might want a section of the page to be next to a sidebar. You also might want a group of articles with text showing up side-by-side in columns, like this:



The screenshot shows the front page of The New York Times website. At the top is the masthead "The New York Times" in a large, black, serif font. Below it is a navigation bar with links for "World", "U.S.", "Politics", "N.Y.", "Business", "Opinion", "Tech", "Science", "Health", "Sports", "Arts", "Style", "Food", "Travel", "Magazine", "T Magazine", "Real Estate", and "ALL". The main content area is divided into several columns. On the left, there is a large article titled "Former C.I.A. Officer Arrested on Suspicion of Helping Chinese" by Adam Goldman. To its right is a smaller article titled "Is This the Golden Age of Drag?" by Isaac Oliver, which includes a photo of a drag queen. Further right, there are several opinion pieces, including "Trump vs. Guantánamo's Forever Prisoners" and "Would the Air Force Let Airman Trump Near a Nuclear Weapon?". At the bottom, there are sections for "TIMES INSIDER" and "THE CROSSWORD".

Former C.I.A. Officer Arrested on Suspicion of Helping Chinese

By ADAM GOLDMAN

- A former C.I.A. officer suspected of helping China dismantle U.S. spying operations has been arrested, the Justice Department said.
- The unraveling of the informant network was a devastating setback for the C.I.A. More than a dozen informants were killed or imprisoned by the Chinese government.

49 Comments

Read the Case Against the

Is This the Golden Age of Drag?

"RuPaul's Drag Race" has made stars of its contestants, catapulting many into full-fledged careers. But for some who have yet to catch this wave, drag is still a labor of love.

By ISAAC OLIVER

2 Comments

Trump vs. Guantánamo's Forever Prisoners

By THE EDITORIAL BOARD

A new legal challenge represents the sharpest test yet at the prison of America's commitment to fundamental principles of due process.

- Bruni: Donald Trump Will Soil You. Ask Lindsey Graham.
- Douthat: How Sex Trumped Race
- Friedman: While You Were Sleeping
- A Way Forward for New York-New Jersey Commuters

Would the Air Force Let Airman Trump Near a Nuclear Weapon?

By STEVEN BUSER

As a former military psychiatrist, I worry that the president would fail the military's mental health standards.

- Facebook Doesn't Like What It Sees in the Mirror
- Florida Isn't the Only State That Will Be Hurt by Offshore Drilling
- A Perfect Marriage: Evangelicals and Conservatives in Latin America
- Follow us on Twitter »

TIMES INSIDER »
Trump's First Year, as Told by Our Washington Bureau

THE CROSSWORD »
Play Today's Puzzle

Before CSS3, people would use floats to do this, but floats are messy and hard to use. Flexbox, which is a new feature introduced in the new version of CSS (CSS3) makes arranging items much easier.

Instructional Objectives:**SWBAT...**

- Identify properties from the Flexbox syntax
- Interpret the function of Flexbox properties such as flex-start, flex-end, center, space-between

Presentation:

Students will be directed to the Flexbox Froggy website and given instructions alongside a handout, with examples as to how the final product should look.

Summary:

- 1) What are some properties in Flexbox?
- 2) What do the properties that you named above do?

Immediate Application:

Students will complete as many Flexbox Froggy levels as they can in class.

Extension Activity OR Homework:

If finished with activity, students will research Flexbox and complete Thimble exercise.