

Teaching News Is Elementary

Date: **Friday, June 23, 2017**

Article: **Details emerge of potential '797'**

Print Replica: **Wednesday, June 20, 2017**

Section: **BUSINESS, A10**

Each week, this lesson will share some classroom activity ideas that use the newspaper or other NIE resources. You are encouraged to modify this lesson to fit the needs of your students. For example, some classrooms may be able to use this as a worksheet and others might need to ask and answer the questions in a class discussion.

Please be sure to preview all NIE content before using it in your classroom to ensure it is appropriate for all of your students.

Materials you will need for this lesson: The Seattle Times print replica, computer or smart board, pencils or pens, paper

Standards:

CCSS.ELA-Literacy.RI.4.1

Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

CCSS.ELA-Literacy.RI.4.2

Determine the main idea of a text and explain how it is supported by key details; summarize the text.

Objectives:

Students will read an article, and search for personal connections they see in their own lives.

Pre- Reading Discussion:



- What clues are in the picture that might tell you what the article will be about?
- What do you know about Boeing?

- Do you know anyone that works there? What do they do?
- Is Boeing important to our region's economy? Why or why not?
- What changes do you think Boeing will need to make in its planes to continue to be a world competitor in the airline industry?

Vocabulary Building:

Read this sentence, what do you think the highlighted words mean using *context clues*? A *context clue* is a word or words that are hints and refers to the sources of information outside of words that readers may use to predict the identities and meanings of unknown words.

“Some in the aviation trade press have ***speculated*** that this means Boeing must be looking at an ***elliptically*** shaped fuselage cross-section for the 797.

This could allow it to be wider though not as deep as today's wide bodies. Such a cross-section could reduce the overall size of the jet, though at the cost of cutting the available cargo space below the passenger cabin.

However, Delaney was not ***explicit*** about the shape.”

***Speculate* Guess:**

***Elliptical* Guess:**

***Explicit* Guess:**

***Speculate* Definition:**

***Elliptical* Definition:**

***Explicit* Definition:**

Reading Comprehension:

1. Boeing offered tantalizing new details about its proposed next new airplane at the Paris Air Show on Tuesday, revealing that the fuselage as well as the wings of the jet unofficially dubbed the “797” will be made of what material? How will it differ than the typical airliner?
2. Boeing has never built a composite fuselage in the Puget Sound region. The various composite fuselage sections for the Dreamliner are made in what areas?
3. Boeing is fabricating the composite wings for the forthcoming 777X in a new \$_____ billion facility in Everett.

4. What does that investment include?
5. Delaney also described the proposed 797 fuselage as having a “hybrid cross-section.” What does that mean?
6. He said the decision on which manufacturing process is used will be based on multiple factors. What are they?
7. Boeing has already said the jet’s passenger cabin will likely have two aisles, as do wide body jets, and Delaney reiterated Boeing’s mantra that the jet will have what?
8. Even if he persuades Boeing Commercial boss Kevin McAllister and the Boeing board to give the go-ahead to this 797 concept, it’s unlikely to be launched until when?
9. On the second day of the Paris Air Show, Boeing blew through its own projection for MAX 10 orders from the day before, with United Airlines committing to _____ of the new model. A day after Boeing formally launched the MAX 10, the largest member of the new single-aisle jet family seating up to 230 passengers, it announced a further _____ orders for the airplane.
10. Give 3 examples of other orders that were taken at the Paris Air Show?

Group Discussion Questions/Journal Prompts:

- How will new designs and better fuel economy and flying longer distances help Boeing?
- What are airline companies looking for when they buy a new airplane?
- What would consumers like to see on flights?
- What do you think the future holds for air travel? Will things be dramatically different in 25 or 50 years?