

Fluids Video Introduction

The Science North video “Science for the Classroom: Fluids” can be used to accompany the Build a Submarine Lesson plan and its additional material. The video introduces various topics related to fluids such as viscosity, density, buoyancy and particle theory. These topics can be tied into the Grade 8 Fluids curriculum strand from which the lesson plan was based on.

Watching this video and using it to supplement the lessons can be beneficial to French as a Second Language learners. This video includes text which provides students the opportunity to see new vocabulary and related it to the images on screen in order to familiarize themselves with the concepts. Since the video includes text, the ability to pause the video is highly beneficial. Pausing the video at key times can be used to allow students the required time they need to read the text, make predictions, or review and discuss what they saw happen on screen.

The Build a Submarine lesson plans has three French as a Second Language specific activities; the Knowledge Assessment Scale, the Concept Chart, and the Word Storm. All three activities can be completed using the video:

Knowledge Assessment Scale

The Knowledge Assessment Scale is a form of diagnostic self-assessment that allows students to recognize the vocabulary terms they know, the terms they have heard and the terms that are unknown to them. In doing this activity before watching the video, students can identify words to look for when watching the video.

Concept Chart

To complete the Concept Chart, students select a term and provide a description of what it is, what it's similar to and three drawings or descriptions. Students should use an unknown word from the knowledge assessment scale and focus on it while watching the video. This way, students can fill out the chart using the information they observe during the video. By focusing on one word, students won't be overwhelmed and can be an expert in sharing what they learned with their peers.

Word Storm

To use the Word Storm, introduce the activity before watching the video a second time. Students will have to write a few sentences using the selected vocabulary words. With this in mind, when students watch the video, they can write sentences that they observe or create their own. By watching the video a second time, students will build on their understanding of the vocabulary and feel more comfortable with this activity.

After having watched video multiple times, if students still have gaps in their vocabulary or are having challenges with certain terms and concepts, the teacher can focus on those words using the other activities in this lesson plan. In such a way, the classroom videos can be used with the activities to provide a deeper learning for French as a Second Language students.

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