

Electricity Video Introduction

The Science North video “Static and Current Electricity – For Teachers” can be used to accompany the Electronic Gadgets Lesson plan and its additional material. The video is intended as a review for teachers but can be used to introduce concepts related to static and current electricity. The first part of the video focuses on static electricity while after the 6:57 mark, it turns to current electricity. The lesson plan uses primarily current electricity, so it is possible to skip ahead though watching the entire video does provide an excellent overview of the Grade 9 Characteristics of Electricity Curriculum strand.

Watching this video and using it to supplement the lessons can be beneficial to French as a Second Language learners. In itself, listening to the video in French and making connections to the images on screen can help students familiarize themselves with the vocabulary being used. While the vocabulary is advanced, there is value in watching it as it is highly applicable to students. One option is for the teacher to show the video in English first, and then in French to help build vocabulary. Additionally, all the Science North videos are available with closed captioning which will allow students to read the text and make deeper connections.

The Electronic Gadgets lesson plan has two French as a Second Language specific activities; the Frayer Model and the Talking Drawings. Both these activities can be completed using the video:

Frayer Model

Before starting the video, have students choose one of the ten words related to circuits. While it is a circuits lesson, many of the words such as a charges, electrons or static electricity can be defined using the static portion of the video so there is value in watching it at least once. With the words in mind, students can watch the video and complete the Frayer Model by writing a definition, characteristics, an example and a non-example. The teacher can play the current electricity portion twice to help build a deeper understanding of the vocabulary.

Talking Drawings

The Talking Drawings portion lends itself well to use with the video. It asks students to draw their interpretation of a circuit before and after the lesson but it can be easily modified to be done before and after the video. Since the video has circuits in it, and defines their components, students should be able to observe a noticeable difference between their two drawings and provide a better explanation of what they learned about circuits.

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 videos can be used with the activities to provide a deeper learning for French as a Second Language students.