



Discovering Science: Science Writing

Lesson 1 plan

Starter activity	Learning objectives
<p>Students watch the video in Step 1.3 (Introducing science writing).</p> <p>In pairs, students discuss the following:</p> <p>Can you think of a topic you have seen in the news where you think science writing helped to explain a complicated issue to the general population?</p> <p>Invite some pairs to share their examples, describing how the article helped to explain the topic.</p>	<ul style="list-style-type: none"> • To consider how science writing can help to explain complicated issues. • To identify various types and forms of science writing. • To examine sources of science writing and evaluate how science is communicated through the media.
Main activities	Resources required
<p>In their pairs, students brainstorm as many types and sources of science writing they can think of.</p> <p>Show the video in Step 1.5 and ask students to compare their ideas with those in the video. Did they miss any in their lists, and does anything surprise them from the video?</p> <p>Give each pair the PDF exercise from Step 1.6 (A worthy read?) or allow them to access it on a device.</p> <p>Each pair should work through the exercise, reading the articles and discussing their answers to the questions.</p> <p>Share answers as a class, then provide the written feedback for the exercise. Discuss responses to the exercise and the feedback.</p>	<ol style="list-style-type: none"> 1. Devices for watching videos. 2. Materials for brainstorming types of science writing. 3. Devices or PDFs for completing the exercise, and the feedback. <p>Assessment for Learning Discussion contributions, answers to the exercise.</p> <p>Differentiation SEND: Videos have subtitles. Low ability: Peer-learning. Gifted and Talented: Peer-teaching.</p> <p>Plenary Ask students to discuss the following:</p> <ul style="list-style-type: none"> • Which sources of science writing do you trust and why? • What makes a piece of science writing reliable? <p>Ask students to identify a topic for a piece of their own science writing (this could be homework).</p>