

Lesson 1: Bridging the digital gap

DCE Domain	Access and Inclusion
Time	2 sessions of 45 minutes
Grade	Year 4
Learning Outcome	<ul style="list-style-type: none"> • I understand the digital divide and its implications. • I understand the advantages of having access to digital resources.
Success Criteria	<ul style="list-style-type: none"> <input type="checkbox"/> I can explain that not all individuals have the same access to digital resources. <input type="checkbox"/> I can explain that in a research task digital resources provide access to a wider range of sources and yield different results from analogue resources.
Key terms	Digital divide - the gap related to access and use of digital tools between different groups in society.
Description	A research task is assigned to students divided in groups. Some groups carry out the task using digital tools whereas other groups use analogue/offline resources only. This is intended to highlight the disadvantages caused by the lack of access to digital tools.
Resources	<ul style="list-style-type: none"> • Analogue resources such as books, leaflets, magazines, encyclopedias and stationery (charts, markers, glue, etc) • Online resources like websites, blogs and safe search engines (ex: Swiggle & Kiddle) • Content creation app/web 2.0 tool for poster creation such as PicCollage • Online discussion tool such as Mentimeter, Slido or Padlet app
Procedure	<p>Session 1</p> <ol style="list-style-type: none"> 1. The teacher assigns a research task to the students on a chosen topic. 2. The class is divided into groups. Some groups will have access to digital resources while others will have access to analogue resources. The groups need to research the given topic. 3. Following the research, the groups will present their findings in a poster. The groups carrying out the research online will present a digital poster, while the groups who work offline will use the stationery to create their poster. <p>Session 2</p> <ol style="list-style-type: none"> 1. The groups are invited to present and share their work. 2. A class discussion will follow. The aim of this class discussion is to elicit the fact that digital resources help us in learning, creating content and presenting our ideas. The teacher can use the following questions to lead the discussion: <ul style="list-style-type: none"> • Which sources of information were used by the different groups? (E.g., books, websites, magazines) • How easy or difficult was it to find information and pictures? • How easy or difficult was it to record and present your findings?

	<ul style="list-style-type: none"> • How long did it take each group to carry out the research and to complete the poster? • How recent were the sources used? • Do you think that the resources used put you at an advantage or a disadvantage compared to the other group? • What could have restricted your research and presentation? (poor/internet connection, lack of devices, lack of updated books)
Follow-up activity	<p>Whole class activity: Identifying the disadvantages or difficulties experienced by lack of access to digital resources. These can be presented by using a mind mapping tool and later shared with the school community.</p>