MODULE 2.
HISTORY OF MOBILE PHONES

MODULE 02

K·2 3·4 5·6 7·8 9·10

LESSON OBJECTIVE

In this module students will appreciate how the rapid growth of technology has impacted on the development of mobile phones in a relatively short period of time. Students will understand why mobile phones have changed so rapidly and the repercussions of this on environmental sustainability.

AUSTRALIAN CURRICULUM CONTENT DESCRIPTION

YEAR 5 ENGLISH

- Plan, draft and publish imaginative, informative and persuasive print and multimodal texts, choosing text structures, language features, images and sound appropriate to purpose and audience (ACELY1704)

- Reread and edit student's own and others' work using agreed criteria for text structures and language features (ACELY1705)

- Use a range of software including word processing programs with fluency to construct, edit and publish written text, and select, edit and place visual, print and audio elements (ACELY1707)

YEAR 6 ENGLISH

- Plan, draft and publish imaginative, informative and persuasive texts, choosing and experimenting with text structures, language features, images and digital resources appropriate to purpose and audience (ACELY1714)

- Reread and edit students' own and others' work using agreed criteria and explaining editing choices (ACELY1715)

- Use a range of software, including word processing programs, learning new functions as required to create texts (ACELY1717)

<table>
<tr><td>

YEAR 5 HISTORY

- Identify questions to inform an historical inquiry (ACHHS100)

- Locate information related to inquiry questions in a range of sources (ACHHS102)

- Identify points of view in the past and present (ACHHS104)

</td><td>

YEAR 6 HISTORY

- Compare information from a range of sources (ACHHS122)

- Locate information related to inquiry questions in a range of sources (ACHHS121)

- Identify and locate a range of relevant sources (ACHHS120)

</td></tr>
</table>

LESSON OUTLINE

1. Do a quick quiz on the students personal and family use of mobile phones and what role they think mobile phones plays in society:

   a. What is a mobile phone?

   b. Do you own a mobile phone?

   c. Do your parents own a mobile phone?

   d. Do you have any old phones at home?

2. Ask your students to watch the following old mobile phone advertisement and discuss how old mobile phone compare with the ones we use today?

3. Students view the Slideshow: History of Mobile Phones on the IWB. Complete the Worksheet: History of Mobile Phones or play the Game: History of Mobile Phones on the IWB.

4. Design the next generation mobile phone. Students are divided into design teams to work together to design the next generation environmentally-friendly mobile phone. Within the design team students should be assigned research tasks and one team member could be thinking about how the design will be presented to the larger group.

5. They should be encouraged to be as imaginative as they can when covering the questions:

   a. What functionalities will the phone display?

   b. What kind of things will it be able to do?

   c. What environmental features will the phone have?

   d. What will the phone look like?

   e. What applications would you like to have and describe how these would work?

6. When students have designed the phone (via computer model, poster, drawing, model) they present their design to the class. Consider inviting a judging panel which could include the school principal, head teacher, parent representative to provide feedback to each design group.

7. Students should be are asked to document reflections, notes, ideas and sketches in a design journal.

8. Share your student work and upload the phone designs to the MusterKids Zone section on the MobileMuster website.

RESOURCES

1. Interactive whiteboard (IWB)
2. Slideshow: History of Mobile Phones
3. Video: Old Mobile Phone Advertisement
4. Game: History of Mobile Phones or Worksheet: History of Mobile Phones

SUPPORT MATERIAL

- Audio File: Evolution of the Mobile Phone

- List of mobile phone manufacturers

- Read and watch a short video about new mobile phone technology. This site is good to give ideas for the extension activity

- For more information about the history of mobile phones look here:
  http://en.wikipedia.org/wiki/Mobile_phone

- Find out about iphones/smart phones here:
  http://en.wikipedia.org/wiki/Smartphone

EXTENSION ACTIVITIES:

Research how mobile phone manufacturers are designing more environmentally-friendly phones. A list of mobile phones manufacturers is listed in the support material.