Cell phones in Education

Grade 7

Teacher's Guide

ICT Lesson Material for educational Institutions

Present IT

What is in the box?

The product for each grade (Grade 6 and Grade 7) contains the following:

- Teacher's Guide with Lesson Plans and Assessment Rubrics (English only)
- CD with worksheet files and other files
- Master folder with copyable worksheets

Where to start

1. Unpack the box.
2. Have a look at the Teacher's Guide and familiar yourself with the layout.
    - Each lesson plan starts with the lesson number and lesson topic.
    - Lesson 1 – 10: The ICT (Information and Communication Technology Outcomes are listed.
    - Lesson 11 – 18: The grade, integrated learning area, ICT Outcomes and Learning Area Outcomes are listed.
    - A lesson plan and suggestions for each lesson are discussed under the headings: Teacher, Learners, Media and Method, Contents and Notes.
    - A four-point Assessment Rubric is included.
    - The corresponding files on the CD are listed.
    - Memos and Notes are included for some lessons with space for the teacher to make own notes.
3. Each lesson will have a worksheet in the Master folder. The name and number of the worksheet appears on it. These worksheets can be copied for the learners.
4. Put the CD in the computer and explore the files on the CD.
    - English and Afrikaans files are included on the same CD.
    - There are 2 subfolders: Worksheets and Other (Werkskaarte en Ander).
    - Each file name starts with the lesson number.
    - The files in the Other (Ander) folder contains teaching support material and are for use during the lessons. The lesson plan in the Teacher's Guide will indicate where to use each file

- All the files in the Worksheets (Werkskaarte) are included in the Worksheet Master folder. They are available on the CD for display on the data projector or for easy editing by the teacher.

5. Should you have any problems or questions, make use of our Helpline (08:00 – 14:00) Tel 044 870 7630 or admin@presentit.co.za .

Cell phones in Education: Product Overview

In order to prepare learners for a world of tomorrow where they will have to function outside the classroom walls, we have to include the use of cell phones in education.

The purpose of this product is to empower the learners to cope with technology. They will learn how to make informed, safe, appropriate and acceptable choices regarding the technology they are using.

This product also empowers the teacher to be comfortable with technology tools in order to use them to enhance teaching and learning.

Cell phones in Education is available for two grades: Grade 6 and Grade 7. Each grade consists of 18 lessons. The first 10 lessons focus on the use of cell phones while the last 8 lessons make use of the cell phone in learning area (RNCS) integrated lessons.

A training course for teachers to show them how to use cell phones in education is also available. Please contact PresentIT on admin@presentit.co.za or 044 870 7630 for more information.

Cell Phones in Education: Lesson Summary

Lesson	Lesson Topic	Learning Area / Notes
Lesson 1	Types of cell phones and cell phone terminology	
Lesson 2	Functions on cell phones	
Lesson 3	SMS and MMS	
Lesson 4	What is MXit and can I use it on my phone?	
Lesson 5	Things I can do with MXit	
Lesson 6	Moola	
Lesson 7	Safety First!	
Lesson 8	FAQ	
Lesson 9	Rules for responsible users	
Lesson 10	What if MXit employs me?	
Lesson 11	Dieting	Life Orientation
Lesson 12	Your own Band!	Arts and Culture Technology
Lesson 13	Doing Business	Economic and Management Sciences Mathematics
Lesson 14	pH Indicators	Natural Sciences
Lesson 15	Natural Disasters	Social Sciences
Lesson 16	Garden Tools	Technology
Lesson 17	School Holiday	Languages
Lesson 18	Traditions	Mathematics Life Orientation

Lesson 4: Introduction to MXit

ICT Outcomes:

- Explain what MXit is
- Decide whether a phone is able to use MXit
- Explain how to download MXit
- Know how to register for MXit
- List 5 safety tips when using MXit
- List 5 services available from MXit
- Give reasons why MXit is a popular way of communicating

Lesson Plan and Suggestions:

Teacher	**Learners**	**Media and Method**	**Contents and Notes**
Facilitate discussion	Participate in discussion	Discuss different types of technology to use for communication.	Modems/Routers Computers PDAs Cell phones
Facilitate discussion	Participate in discussion	Learners use cell phones during discussion. Discuss different functions available on the cell phone.	Voice calls SMS MMS Games WAP (Internet) MXit
Facilitate brainstorm	Participate in brainstorm	In groups, learners write down everything the know about MXit (brainstorm)	

Assist if necessary	Complete worksheet	Learners use cell phones and Internet to find answers to questions on worksheet	

Assessment:

Assess the worksheet and classroom participation. See suggested rubric below.

	1	2	3	4
Classroom Participation	The learner showed little or no interest in the class discussions.	The learner did attempt to participate in the class discussions.	The learner participated in the class discussions.	The learner participated and contributed significantly in the class discussion.
Brainstorm	The learner showed little or no interest in participating in the brainstorm.	The learner did attempt to participate in the brainstorm activity.	The learner participated in the brainstorm activity.	The learner participated and contributed significantly in the brainstorm activity.
Worksheet - attempt	One or two questions are answered.	Half of the questions are answered.	One or two questions are not answered.	All the questions are answered.
Worksheet- answers	Only one or two answers are correct.	Half of the answers are wrong.	One or two answers are wrong.	All of the answers are correct.

Memo Notes:

1. You are going to need a GPRS / WAP capable phone. The best way of checking if your phone has either of these features is looking through your cell phone's menu, and if you can spot some sort of *Web* or *Internet* connectivity, then your phone is GPRS compatible!

2. Go to the Internet connection on your phone or PC. You will be able to search for a list of phones which are MXit compatible. You can also ask your service provider for more help or visit the official MXit website.
3. Point your cell phone's web browser to http://wap.mxit.co.za and follow the prompts / Send a SMS with the word "MG4823" to 32227
4. Your cellphone number. A PIN number. MXit name. Choose whether you want your cell phone number to be hidden. Specify your gender. Year of birth.
5. Never reveal you mobile number. Never give your real name. Do not tell anyone where you live or where you go to school. Do not reveal personal details of your friends. Keep your MXit PIN safe and to yourself. Do not buy anything from online contacts.
6. See point 5 above. Children need to be educated in MXit and parents have to discuss online safety. Always know what your child is doing online and on his/her cell phone.
7. Emoticards ; Grown-up Chat Rooms; Stay in touch with your world; Skinz; The Dating Game; Buy Moola; MXit games; Teen Zones
8. The universal MXit currency.
9. Herman Heunis
10. It is the cheapest way of communicating with friends and is very user friendly. It also as loads of interesting features one can use and connects you to people world wide.

Lesson 16: Garden Tools

Grade 7 Learning Area Technology

ICT Outcomes:

- Use a cell phone to take a picture
- Download a picture from a cell phone to a computer
- Create a presentation
- Use MXit to vote

Learning Area Outcomes:

- Technology (7.1.2) Examines existing products relevant to a problem, situation or need based on key aspects of design.
- Technology (7.1.3) Uses technologies and methods to collect data and information.
- Languages (7.4.2) Produces a range of factual written texts for various purposes.
- Languages (7.4.4) Uses the writing process to generate text.
- Languages (7.5.1) Uses language to think and reason.

Lesson Plan and Suggestions:

Teacher	**Learners**	**Media and Method**	**Contents and Notes**
Facilitator	Discussion	Discuss different garden tools and uses of them.	Suitable tools for specific jobs: • Mowing lawn • Pruning • Planting flowers • Planting trees • Planting seeds • Pest Control • Weeding
Facilitator/ Assessor	Group work	Complete the worksheet.	

Facilitator/ Assessor	Presentation	Learners present presentations to the rest of the class.	Present on computers or cell phone via data projector.
Facilitator	Vote	Learners vote for the best product with MXit.	Choose favourite product from best choice of each presentation.

Assessment:

See suggested rubric below.

	1	2	3	4
Group work	Cannot work with others in most situations. Cannot share decisions or responsibilities.	Works with others, but has difficulty sharing decisions and responsibilities.	Works well with others. Takes part in most decisions and shares in the responsibilities.	Works very well with others. Assumes a clear role in decision making and responsibilities.
Presentation: Layout	Most of the slides are missing.	Most of the slides are included.	Most of the required slides are included in the prescribed sequence.	All the required slides are included in the prescribed sequence.
Presentation: Visuals and Appeal	Learner uses superfluous visual aids or no visual aids.	Learner occasionally uses visual aids that rarely support the presentation.	Learner's visual aids relate to the presentation.	Learner's visual aids explain and reinforce the presentation.
Presentation: Content	Learner does not have grasp of information; student cannot answer questions about subject.	Learner is uncomfortable with information and is able to answer only rudimentary questions, but	Learner is at ease and answers most questions with explanations and some elaboration.	Learner demonstrates full knowledge (more than required) by answering all class questions with

		fails to elaborate.		explanations and elaboration.
Presenting	Learner mumbles, incorrectly pronounces terms, and speaks too quietly for audience in the back of class to hear.	Learner's voice is low. Student incorrectly pronounces terms. Audience members have difficulty hearing presentation.	Learner's voice is clear. Student pronounces most words correctly. Most audience members can hear presentation.	Learner uses a clear voice and correct, precise pronunciation of terms so that all audience members can hear presentation.

Memo Notes: