

# Cell phones in Education

## Grade 6



## Teacher's Guide

ICT Lesson Material for educational Institutions



## *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 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 CD.
  - There are 2 subfolders: Worksheets and Other (Werkskarte 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](mailto: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](mailto:admin@presentit.co.za) or 044 870 7630 for more information.

## *Cell Phones in Education: Lesson Summary*

<b>Lesson</b>	<b>Lesson Topic</b>	<b>Learning Area / Notes</b>
Lesson 1	Computers and Communication	
Lesson 2	Introduction to Cell Phones	
Lesson 3	Exploring your Phone	
Lesson 4	Making voice calls	
Lesson 5	Sending a SMS	
Lesson 6	Social Networking	
Lesson 7	Photos and Cell phones	
Lesson 8	Voice Recording	
Lesson 9	Going Online	
Lesson 10	Responsible Users	
Lesson 11	I am unique	Life Orientation Languages
Lesson 12	Puppet Show!	Arts and Culture
Lesson 13	Business Structures	Econ and Man Sciences Languages
Lesson 14	GPS	Social Sciences
Lesson 15	The problems around us	Technology
Lesson 16	Bird Sounds	Natural Sciences
Lesson 17	Listen Carefully	Languages
Lesson 18	Calculations!	Mathematics

## *Lesson 1: Computers and Communication*

### *ICT Outcomes:*

- Name types of computers
- Name types of electrical communication channels
- Create a drawing on the computer
- Use drawing tools to create a drawing
- Search for pictures and photos on the Internet
- Download pictures and photos
- Insert pictures and photos to create a collage
- Manipulate pictures and photos

### *Lesson Plan and Suggestions:*

<b>Teacher</b>	<b>Learners</b>	<b>Media and Method</b>	<b>Contents and Notes</b>
Leads conversation	Participate in discussion	Class discussion	<ul style="list-style-type: none"> <li>• Learners describe a computer.</li> <li>• Talk about different types of computers (see Notes on CD).</li> </ul>
Facilitator	Group work	Ask them what communication means to them, give them a chance to write it down, and then ask them to share their ideas with the class.	Talk about different ways of communication (see Notes on CD). Formulate a definition of communication.
Facilitator	Participate in discussion	Class discussion	Discuss electrical communication channels (see Notes on CD).

Assessor	Complete worksheet	Answer worksheet questions.	Worksheet consists of questions and practical work on the computer.
Facilitator	Share answers	Class discussion on worksheet questions.	

## *Assessment:*

Assess the collage and drawing of computer. See suggested rubric below.

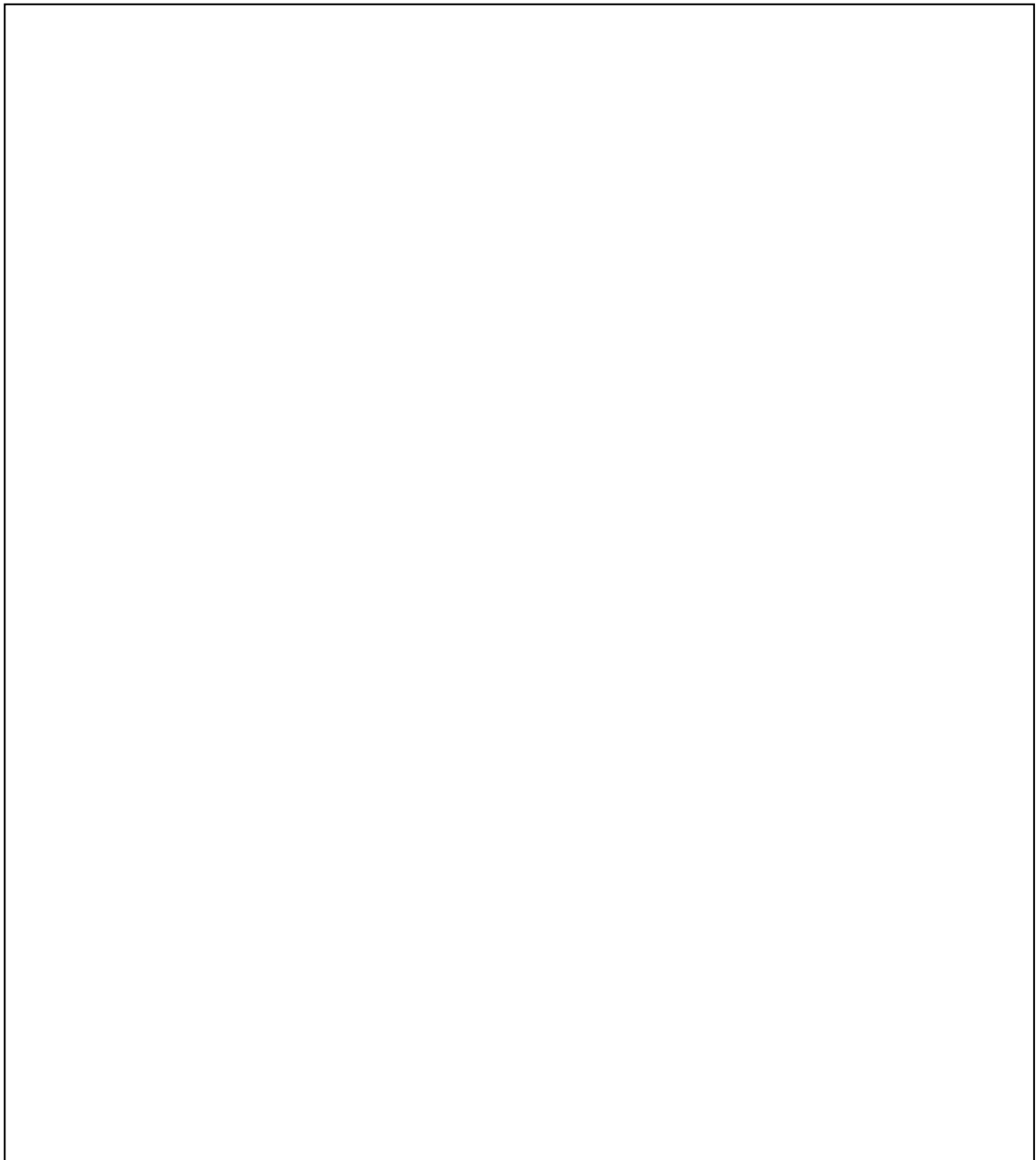
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Design and layout</b>	Poor or no design and layout.	Limited design/layout visible. No coherence.	Design and layout in accordance with expected achievements at this level.	Overall design of colour, organisation etc. support the message.
<b>Creativity</b>	Little or no evidence of creativity.	Limited evidence of creativity.	Evidence of creativity is consummate with expected achievements at this level.	All the ideas in the product are the original and the creativity of the learners is evident.
<b>Drawings and illustrations</b>	Illustrations, drawings and graphics are irrelevant.	A number of the illustrations, drawings and graphics are relevant to the purpose. No coherence.	Illustrations, drawings and graphics are relevant to the purpose and in accordance with expected achievements at this level.	All the illustrations, drawings and graphics enhance the purpose and interest of the piece.
<b>Purpose</b>	The collage does not achieve its purpose.	The collage partially achieves its purpose.	The purpose of the collage has been accomplished in accordance with expected achievements at this level.	The purpose of the collage has been accomplished in an original and creative manner.

## *What's on the CD?*

1 Notes Computers and Communications

### *Memo Notes:*

1. It is when two or more people communicate, whether it is through body language, written language or oral language.
3. Mobile for e.g. cell phone; Fixed line for e.g. landline/house phone; Satellite for e.g. cell phone
4. PC; Desktop; Laptop; Wearable
5. You can take it anywhere with you.



## Lesson 11: I am unique

Grade 6

Learning Area *Life Orientation*

### *ICT Outcomes:*

- Take a picture with a cell phone.
- Download a picture from a cell phone unto the computer.
- Edit a photo.
- Insert a photo into a document.
- Insert text on the computer.
- Format a document.

### *Learning Area Outcomes:*

- Life Orientation 6.3.1 Reflects on own abilities, aptitudes and strengths.
- Language 6.4.1 Writes different kinds of text.
- Language 6.4.3 Presents work with attention to neatness and enhanced presentation.

### *Lesson Plan and Suggestions:*

Teacher	Learners	Media and Method	Contents and Notes
Lecturer	Listeners	Teacher tells about herself and her own experiences.	<ul style="list-style-type: none"><li>• What makes her feels special</li><li>• Her interests</li><li>• What she thinks she is good at</li></ul>
Facilitator	Class discussion	Invite learners to tell the class more about themselves.	Learner tells what he is good in, what he likes doing most and why he thinks he is special or unique.
Facilitator	Group work	Complete the work sheet (first	Answer question 1 and 2 in the

		part only).	group.
Facilitator	Class discussion	How to take a photo with a cell phone.	Make sure every learner knows how to take pictures. See Notes below.
Facilitator	Individual work	Learners complete the worksheet.	Create a poster of self on the computer.

### *Assessment:*

Assess the poster and class participation. See suggested rubric below.

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Class participation</b>	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.
<b>Group participation</b>	Learner did not exchange, defend or rethink any ideas.	The learner contributed some of the time.	The learner contributed most of the time and was actively involved.	The learner exchanged, defended and rethought ideas and contributed all of the time.
<b>Design and layout of poster</b>	Poster over-designed or dull with no colour.	Ordinary design with normal fonts and little colour.	Nice design with fonts and colour.	Creative design with different fonts and colour.
<b>Content of poster</b>	No photo or no words.	Photo and 2 words.	Photo and 3 or more words.	Photo and 5 descriptive words.

## *Memo Notes:*

### Take a picture with a cell phone

1. Go to the "Main menu"
2. Then select "Camera"
3. If you think the picture will be good enough, press "Ok"

If you are satisfied with your photo:

4. Download it onto your computer via Bluetooth or your USB cable.
5. Save under pictures.
6. Then edit your photo.

