



Integrated ICT Learning Units

Overview of activities, software and required templates
Volume R – Volume 7



Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Shape	R.1	Learners create a picture of themselves at home using shapes	Software : Tux Paint Prerequisite : None Template : None WWW : None	Language LO 1 Mathematics LO 3 Arts and Culture LO 1; LO 4
Size	R.2	Learners arrange graphics from smallest in size to largest in size and vice versa	Software : Microsoft Excel Prerequisite : None Template : Size.xls WWW : None	Mathematics LO 4 Arts and Culture LO 1 Language LO 5
Colour	R.3	Learners identify objects and classify them according to colour	Software : Microsoft Word Prerequisite : None Template : Colour.doc WWW : None	Language LO 1, LO 3, LO 5
Same or Different	R.4	Learners sort and classify graphics according to similar characteristics or properties	Software : Flash Prerequisite : None Template : Same or Different.html WWW : None	Language LO 1; LO 3; LO 5
Night Time	R.5	Learners create a night time picture using a drawing programme	Software : Tux Paint Prerequisite : None Template : None WWW : None	Language LO 1 Arts and Culture LO 1
Opposites	R.6	Learners sort and match graphics	Software : Microsoft Excel Prerequisite : None Template : Opposites.xls WWW : None	Arts and Culture LO 1 Language LO 1; LO 3; LO 5
Stop Sign	R.7	Learners build a stop sign and arrange the letters S-T-O-P	Software : Flash Prerequisite : None Template : Stop Sign.html WWW : None	Language LO 1; LO 4; LO 5 Arts and Culture LO 1

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Dressing Ellie	R.8	Learners dress the Elephant correctly	Software : Flash Prerequisite : None Template : Dress_Ellie.html WWW : None	Arts and Culture LO 1 Language LO 1; LO 3; LO 5
Shopping	R.9	Learners create a visual organiser about healthy and unhealthy food purchased at the shops	Software : Microsoft Word Prerequisite : None Template : Shopping.doc WWW : None	Life Orientation LO 1 Language LO 1; LO 3; LO 5
Numbers	R.10	Learners count objects and link to the correct numbers	Software : Microsoft Word Prerequisite : None Template : Numbers Template.doc WWW : None	Mathematics LO 1 Language LO 1; LO 3
Fireworks	R.11	Learners create a fireworks display picture using a drawing programme	Software : Tux Paint Prerequisite : None Template : None WWW : None	Language LO 1 Arts and Culture LO 1
Safety	R.12	Learners sort and classify "dangerous" and "safe" graphics	Software : Microsoft Word Prerequisite : None Template : Safety Template.doc WWW : None	Life Orientation LO 1 Language LO 3; LO 5
Dinner Time	R.13	Learners learn to lay the table with crockery and cutlery for dinner	Software : Flash Prerequisite : None Template : Dinnertime.html WWW : None	Language LO 1; LO 5 Arts and Culture LO 1
Counting	R.14	Learners use the shading tool to shade cells in a table counting 1-9	Software : Microsoft Word Prerequisite : None Template : Counting.doc WWW : None	Language LO 1 Arts and Culture LO 1 Mathematics LO 1
Matching	R.15	Learners match object in their environment to shapes	Software : Microsoft Word Prerequisite : None Template : Matching Shapes.doc WWW : None	Language LO 1 Mathematics LO 3 Arts and Culture LO 1

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Right Lights	R.16	Learners construct a traffic light and a pedestrian light	Software : Flash Prerequisite : None Template : Robot.html WWW : None	Language LO 1; LO 5 Arts and Culture LO 1
People Who Help Us	R.17	Learners match graphics of people who help us in our community	Software : Microsoft Word Prerequisite : None Template : People Who Help Us.doc WWW : None	Arts and Culture LO 1 Language LO 1; LO 5
More Fun with Shape and Colour	R.18	Learners match, sort and sequence using a series of shapes of different colours	Software : Flash Prerequisite : None Template : Shape and Colour.html WWW : None	Mathematics LO 2 Language LO 5
Clock Count	R.19	Learners place numbers and hands on a clock face	Software : Flash Prerequisite : None Template : My Clock.html WWW : None	Language LO 1; LO 5 Mathematics LO 1 Arts and Culture LO 1
Dial a Digit	R.20	Learners place digits on a telephone and enter their own telephone number	Software : Flash Prerequisite : None Template : Telephone.html WWW : None	Language LO 1; LO 5 Mathematics LO 1 Arts and Culture LO 1
Sorting	R.21	Learners sort graphics according to a winter and a summer theme	Software : Microsoft Word Prerequisite : None Template : sorting.doc WWW : None	Language LO 1; LO 5 Arts and Culture LO 1
My Body	1.1	Learners identify body parts and label them correctly	Software : Flash Prerequisite : None Template : My Body.html WWW : None	Life Orientation LO 3 Language LO 5
Better Bonds	1.2	Learners complete sums in a spreadsheet programme and are given immediate feedback	Software : Microsoft Excel Prerequisite : None Template : Bonds.xls WWW : None	Mathematics LO 1 Language LO 1

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My Home	1.3	Learners create a picture of their homes using drawing and shape tools	Software : Tux Paint Prerequisite : None Template : None WWW : None	Mathematics LO 3 Arts and Culture LO 1
Fly the Flag	1.4	Learners reconstruct the flag by re-orientating the coloured pieces	Software : Flash Prerequisite : None Template : Flag.html WWW : None	Languages LO 1; LO 4; LO 5 Mathematics LO 3 Arts and Culture LO 1
My Family	1.5	Learners create a visual organiser representing their family	Software : FreeMind Prerequisite : My Family Folder Template : None WWW : None	Life Orientation LO2
My Garden	1.6	Learners create a garden scene and write simple sentences to describe the garden	Software : Flash Prerequisite : None Template : My Garden.html WWW : None	Social Sciences Geography LO 2 Arts and Culture LO 1
Snake Add	1.7	Learners complete an "Add Snake" in a spreadsheet and create their own sums	Software : Microsoft Excel Prerequisite : None Template : Snake Add.xls WWW : None	Mathematics LO 1 Language LO 1
My Computer	1.8	Learners reconstruct and label a computer workstation	Software : Flash Prerequisite : None Template : My Computer.html WWW : None	Languages LO 1; LO 4; LO 5 Technology LO 2
Shape and Pattern	1.9	Learners identify and complete picture and shape patterns and create their own patterns	Software : Tux Paint Prerequisite : None Template : None WWW : None	Mathematics LO 2

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My School	1.10	Learners create classroom door posters for each teacher in the school	Software : Microsoft Word Prerequisite : None Template : Poster JP.doc; Poster SP.doc WWW : None	Language LO 3; LO 4; LO 5
My Pets	1.11	Learners create a graph about the pets they have at home	Software : Flash Prerequisite : None Template : My Pets.html WWW : None	Mathematics LO 5
Spider Sums	1.12	Learners use a spreadsheet to practise their bonds	Software : Microsoft Excel Prerequisite : None Template : Spider.xls WWW : None	Mathematics LO 1 Language LO 1 Arts and Culture LO 1
Tuck Shop	1.13	Learners set up a tuck shop and price the goods	Software : Flash Prerequisite : None Template : Tuck Shop.html WWW : None	Languages LO 1; LO 4; LO 6 Mathematics LO 1
Holidays and Celebrations	1.14	Learners create a picture/design for a greetings card	Software : Tux Paint Prerequisite : None Template : None WWW : None	Arts and Culture LO 1; LO 4 Language LO 1; LO 4 Life Orientation LO 2
Granny and Grandpa	1.15	Learners write a story about themselves and their grandparents	Software : Microsoft Word Prerequisite : None Template : Granny and Grandpa.doc WWW : None	Languages LO 4 Social Sciences History LO 1
My Health	1.16	Learners create healthy food number sentences	Software : Flash Prerequisite : None Template : Healthy Numbers.html WWW : None	Mathematics LO 1 Life Orientation LO 1

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Monster Maths	1.17	Learners create spider sum diagrams using graphics software for their partners to solve	Software : Tux Paint Prerequisite : None Template : None WWW : None	Mathematics LO 1 Arts and Culture LO 1 Language LO 1
Pond Life	1.18	Learners sort and classify creatures/ animals which live in and around a pond	Software : Flash Prerequisite : None Template : Pond Life.html WWW : None	Language LO 1; LO 4; LO 5
My Friends	1.19	Learners create a picture of themselves and a friend using drawing tools	Software : Tux Paint Prerequisite : None Template : None WWW : None	Arts and Culture LO 1
Initials and Names	1.20	Learners create a document about themselves and insert a graphic which is the initial of their first name	Software : Microsoft Word Prerequisite : Alphabet Folder Template : This is Me.doc WWW : None	Languages LO 1; LO 3; LO 4 Arts and Culture LO 1; LO 4
My Day	1.21	Learners arrange graphics and sentences about what happens in a day in the correct sequence	Software : Microsoft Word Prerequisite : Alphabet Folder Template : My Day.doc WWW : None	Language LO 3; LO 5 Mathematics LO 4
Funny Faces	2.1	Learners create faces with different emotions using drawing tools	Software : Tux Paint Prerequisite : None Template : None WWW : None	Life Orientation LO3 Arts and Culture LO1
I am Special	2.2	Learners create a poster showing their strengths, interests and why they are so special	Software : Microsoft Word Prerequisite : I am Special Folder Template : None WWW : None	Life Orientation LO 3 Languages LO 6

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Homes	2.3	Learners create sentences about animal homes	Software : Flash Prerequisite : None Template : Animal Homes.html WWW : None	Languages LO 4 Social Sciences Geography LO 2
Food	2.4	Learners create a visual organiser of healthy and unhealthy food	Software : FreeMind Prerequisite : Food Folder Template : None WWW : None	Life Orientation LO 3 Languages LO 4; LO 5
Mini Monsters	2.5	Learners create their own "mini monster"	Software : Flash Prerequisite : None Template : minimonsters.html WWW : None	Languages LO 3 Arts and Culture LO 1
Sea Animals	2.6	Learners sort and classify sea animals	Software : Microsoft Word Prerequisite : None Template : None WWW : None	Languages LO5
People Who Help Us	2.7	Learners create a visual organiser about the People who help us (police, medics etc)	Software : FreeMind Prerequisite : People Who Help Us Folder Template : None WWW : None	Languages LO 3; LO 4; LO 5 Life Orientation LO 2
My Computer Keyboard	2.8	Learners reconstruct the keys of a blank computer keyboard	Software : Flash Prerequisite : None Template : My Keyboard.html WWW : None	Languages LO1; LO 3; LO 4; LO 5 Technology LO 2
Transport	2.9	Learners sort, classify and label modes of transport	Software : Microsoft Word Prerequisite : Transport Folder Template : None WWW : None	Language LO 5

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Shopping	2.10	Learners create a spreadsheet that will help them total their purchases from a shop	Software : Microsoft Excel Prerequisite : Prices of 10 shopping items Template : Shopping.xls WWW : None	Economic and Management Sciences LO 1 Mathematics LO 1
Imagination Island	2.11	Create imaginary characters for a story using a drawing programme. Complete a story planner	Software : Microsoft Word Prerequisite : Fantasy Pics Folder Template : Story Planner.doc WWW : None	Arts and Culture LO 1
Nutritious or Not	2.12	Learners create a plate of healthy food for Fit Freda and Lounge Lunga	Software : Flash Prerequisite : None Template : Food.html WWW : None	Languages LO 4; LO 5 Life Orientation LO 1
Water	2.13	Learners create a picture about how to save and not waste water	Software : Tux Paint Prerequisite : None Template : None WWW : None	Social Sciences Geography LO 3
Time and Change	2.14	Learners sequence graphics of transport over the ages	Software : Microsoft Word Prerequisite : None Template : time and change.doc WWW : None	Social Sciences History LO 1; LO 2 Languages LO 5
Talking Time	2.15	Learners create and interpret clock faces	Software : Flash Prerequisite : None Template : tell time.html WWW : none	Mathematics LO 4
Insects	2.16	Learners draw an insect and flower	Software : Tux Paint Prerequisite : None Template : None WWW : None	Arts and Culture LO 1

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Me and My Emotions	2.17	Learners create a visual organiser about their own personal emotions	Software : FreeMind Prerequisite : Me and My Emotions Folder Template : None WWW : None	Life Orientation LO3 Arts and Culture LO4
Hidden Treasure	2.18	Learners locate hidden treasure on a map by means of directional clues	Software : Flash Prerequisite : None Template : pirate.html WWW : None	Languages LO 1; LO 3; LO 5 Social Sciences Geography LO 1; LO 2
Friendly Frogs	2.19	Learners sequence frog life cycle pictures from spawn to adult frog	Software : Microsoft Word Prerequisite : None Template : frog life cycle.doc WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Natural Sciences LO 2
Wetlands	2.20	Learners create a wetlands scene by placing animals in a suitable environment	Software : Flash Prerequisite : None Template : wetlands.html WWW : None	Languages LO1; LO 5 Natural Sciences LO 2
Creature Count	2.21	Learners fill in a table of creatures they have counted and create a picture graph	Software : Microsoft Word Prerequisite : None Template : Creature Count.doc WWW : None	Language LO 5 Mathematics LO 5
Rainbow Recycling	3.1	Learners complete a recycling crossword puzzle matching colour clues	Software : Microsoft Word Prerequisite : None Template : Rainbow Recycling.doc WWW : None	Languages LO 1; LO 3; LO 5 Natural Sciences LO3
Water Wise	3.2	Learners create a concept map about the causes of water pollution	Software : Flash Prerequisite : None Template : waterpollution.html WWW : None	Social Sciences Geography LO 1; LO 3 Language LO 5
Precious Plants	3.3	Learners create a concept map about the importance of plants in our lives	Software : FreeMind Prerequisite : Precious Plants Folder Template : None WWW : None	Natural Sciences LO 2 Languages LO 5

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Magical Monsters	3.4	Learners design and draw a monster in Tux Paint and type a detailed description of it in Microsoft Word	Software : Tux Paint; Microsoft Word Prerequisite : None Template : None WWW : None	Arts and Culture LO 1 Language LO 3; LO 4
Feathered Friends	3.5	Learners complete a table about beaks, feet and homes of birds	Software : Internet Explorer; Microsoft Word Prerequisite : None Template : Birds `n Beaks.doc WWW : Various	Language LO 3; LO 4; LO 5
Dairy Made	3.6	Learners create a visual organiser about products which are made from milk	Software : FreeMind Prerequisite : Dairy Made Folder Template : None WWW : None	Language LO 5
Weather Watchers	3.7	Learners create a table where they record the weather over a week	Software : Flash Prerequisite : Record of one week's weather Template : weather.html WWW : None	Social Sciences Geography LO 1 Language LO 5
My Neighbourhood	3.8	Learners complete an activity where they compare different homes to their own homes	Software : Microsoft Word Prerequisite : None Template : my house, my home.doc WWW : None	Social Sciences Geography LO 1 Languages LO 5
Pattern Pieces	3.9	Learners create, complete and extend patterns	Software : Flash Prerequisite : None Template : patterns and symmetry.html WWW : None	Mathematics LO 2
Nifty Numbers	3.10	Learners use a spreadsheet programme to check simple calculations	Software : Microsoft Excel Prerequisite : None Template : None WWW : None	Mathematics LO 1

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Plant Parts	3.11	Draw a plant and what it needs in order to survive. Label the plant parts	Software : Tux Paint Prerequisite : None Template : None WWW : None	Natural Sciences LO 2 Languages LO 5
Our School	3.12	Learners complete language activities about at and around our school	Software : Flash Prerequisite : None Template : my school.html WWW : None	Language LO 1; LO 5
Games	3.13	Learners create their own game using tables in a word processor	Software : Microsoft Word Prerequisite : Games folder Template : Board Game.doc WWW : None	Language LO 5
Rockpool Ramble	3.14	Learners recreate a rock pool environment	Software : Flash Prerequisite : None Template : rockpool ramble.html WWW : None	Languages LO 1; LO5 Natural Sciences LO 2
Lousy Litter	3.15	Learners create a spreadsheet and graph after doing a litter survey	Software : Microsoft Excel Prerequisite : Collection of Litter Template : None WWW : None	Mathematics LO 5 Language LO 5 Social Sciences Geography LO 3
My Country My Home	3.16	Create a concept diagram about your country using graphics which explain the important aspects about your country	Software : Microsoft Word Prerequisite : My Country My Home folder Template : my country my home.doc WWW : None	Language LO 4; LO 5 Life Orientation LO 2
Number Square	3.17	Learners create various patterns on a number chart	Software : Flash Prerequisite : None Template : Numbers.html WWW : None	Mathematics LO 1; LO 2

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Egypt	3.18	Learners design their own Egyptian wall painting mural	Software : Flash Prerequisite : None Template : egypt.html WWW : None	Social Sciences History LO 2; LO 3 Language LO 1; LO 5 Arts and Culture LO 1
Forever Friends	3.19	Learners create a visual organiser about the qualities of a good friend	Software : FreeMind Prerequisite : Forever Friends folder Template : None WWW : None	Life Orientation LO 2 Language LO 4 ; LO 5
Trendy Togs	3.20	Learners create a matching rugby outfit consisting of jersey, shorts, sock and shoe	Software : Tux Paint Prerequisite : None Template : None WWW : None	Languages LO 1; LO 5 Arts and Culture LO 1
Which way in the woods?	3.21	Learners create an 8 point compass and work out basic directions of places in the "100 Aker Wood"	Software : Microsoft Word Prerequisite : None Template : Mapwork.doc WWW : www.lavasurfer.com	Language LO 3 Social Sciences Geography LO 1
Family	4.1	Learners create a table comparing family life in the past to now	Software : Microsoft Word Prerequisite : None Template : None WWW : None	Social Sciences History LO 1 Language LO 4; LO 5
Photosynthesis	4.2	Learners research the process of photosynthesis on the Internet and create a drawing of the process using drawing tools	Software : Internet Explorer; Tux Paint Prerequisite : Website Links in Vol4 Folder Template : None WWW : Various	Natural Sciences LO 2 Language LO 4; LO 5
Life and Living – Animals	4.3	Learners create a graph showing animal numbers for the Kruger National Park	Software : Microsoft Excel Prerequisite : Life and Living folder Template : Kruger National Park.xls WWW : None	Mathematics LO 5

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Our Changing World - Transport	4.4	Create a visual organiser which examines the positive, negative and interesting impact of one mode of modern transport	Software : FreeMind Prerequisite : Transport Folder Template : None WWW : None	Language LO 5 Social Sciences History LO 1; LO 2
Current Events in my Country	4.5	Complete the SA Provinces Puzzle and label the provinces	Software : Flash Prerequisite : None Template : south african provinces.html WWW : None	Social Sciences Geography LO 1
Nutrition	4.6	Learners create a food pyramid using drawing tools in a word processor	Software : Microsoft Word Prerequisite : Nutrition folder Template : None WWW : None	Life Orientation LO 1 Language LO 4; LO 5
Dinosaurs	4.7	Learners draw a dot-to-dot dinosaur from subtraction sum clues and decorate it with draw functions	Software : Microsoft Word Prerequisite : None Template : Minusaurus.doc WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Mathematics LO 1 Arts and Culture LO 1
Textile Talk	4.8	Research relevant information about 5 different textiles: cotton, wool, silk, nylon and polyester. Tabulate the information	Software : Microsoft Word; Internet Explorer Prerequisite : Website Links in Volume 4 Folder Template : None WWW : www.thinkquest.org	Language LO 5 Technology LO 1
Energy and Change	4.9	Learners create a diagram about how they would power a house using the resources available today (wood, electricity etc)	Software : Tux Paint Prerequisite : None Template : None WWW : None	Technology LO 1; LO 3

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Measurement	4.10	Learners measure various objects and notate their findings	Software : Flash Prerequisite : None Template : measure me.html WWW : None	Languages LO1; LO 3; LO 4; LO 5 Mathematics LO 4; LO 5
African Tales	4.11	Format an African legend using word processing formatting tools	Software : Microsoft Word Prerequisite : Why the Dassie has no tail.doc; African Tales folder Template : Zebra.doc WWW : None	Language LO 3
Hunters Gatherers	4.12	Research information and create a visual organiser about the way of life of the San people of Southern Africa	Software : FreeMind Prerequisite : Hunter Gatherers Folder Template : None WWW : None	Social Sciences History LO 1; LO 2 Language LO 5
Personal Progress	4.13	Enter assessment results in a spreadsheet and graph the information	Software : Microsoft Excel Prerequisite : Series of marks / results learner would like to graph Template : Personal Progress.xls WWW : None	Language LO 5 Mathematics LO 5
Refreshment Centre	4.14	Learners create an informative advertisement poster for a refreshment centre	Software : Flash Prerequisite : None Template : refreshment centre.html WWW : None	Languages LO 1; LO 3; LO4; LO 5; LO 6 Arts and Culture LO 1
Fire and Water	4.15	Write a poem about fire or water using all your senses to describe the element	Software : FreeMind Prerequisite : Fire and Water Folder Template : None WWW : None	Language LO 4

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Hungry Mungry Numbers	4.16	Tabulate and graph the food which Hungry Mungry ate	Software : Microsoft Excel Prerequisite : Hungry Mungry Poem.doc Template : None WWW : None	Mathematics LO 5 Language LO 4
Man and Animals	4.17	Learners write a comprehensive report on the positive, negative and interesting aspects of the relationship between man and animal	Software : Microsoft Word Prerequisite : None Template : None WWW : None	Natural Sciences LO 3 Languages LO 5
Walk Through History	4.18	Create an interview sheet to interview people in the community about the history of your suburb/ village/town or city using a spreadsheet programme	Software : Microsoft Excel Prerequisite : None Template : Interview form.xls (optional) WWW : None	Social Sciences History LO 1; LO 2
Draw a Design	4.19	Create a design for wallpaper and/ or fabric using different drawing tools	Software : TuxPaint Prerequisite : None Template : None WWW : None	Arts and Culture LO 4
Movers and Shakers	4.20	Research information about a famous person who has made a contribution to society. Create a visual organiser	Software : FreeMind; Internet Explorer (optional) Prerequisite : Website Links in Volume 4 folder Template : None WWW : Various	Language LO 3; LO 4; LO 5 Social Sciences History LO 1

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Endangered Animals	4.21	Learners research an endangered animal and tabulate the information	Software : Internet Explorer; MS Word Prerequisite : Website Links in Volume 4 folder Template : None WWW : www.endangeredspecies.com	Languages LO 5 Social Sciences Geography LO 2
My Life	5.1	Learners create a time line of their lives and the historical events associated with the years they have been alive	Software : FreeMind; Internet Explorer Prerequisite : Website Link in Volume 5 folder; My Life folder Template : None WWW : www.historychannel.com	Social Sciences History LO 1; LO 2
Provinces	5.2	Learners glean essential information about Provinces and present it in a table	Software : Microsoft Word Prerequisite : SA Provinces folder Template : South African Provinces2.doc WWW : None	Languages LO 1; LO 3; LO 4; LO 5; LO 6 Social Sciences Geography LO 1; LO 2
Seats for Sale	5.3	Learners create a seating plan with a variety of chairs and seats	Software : Flash Prerequisite : None Template : seating plan.html WWW : None	Languages LO 1; LO 4; LO 5 Mathematics LO 1; LO 3
Spreadsheet Fun	5.4	Learners explore the basic functions of a spreadsheet using sweets as a learning tool!	Software : Microsoft Excel Prerequisite : Packet of sweets (each learner) Template : None WWW : None	Mathematics LO 5

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Explorers	5.5	Learners create a concept map about one explorer which examines the challenges he/ she faced; the type of people they were and the consequences of their discoveries	Software : FreeMind; Internet Explorer Prerequisite : Explorer Folder; Web Links in Volume 5 Folder Template : None WWW : Various	Social Sciences History LO 2 Languages LO 4
Rainfall Round-Up	5.6	Learners research information on the Internet about annual rainfall figures of a town/ city in their country. Graph the information	Software : Internet Explorer; Microsoft Excel Prerequisite : Website Links in Volume 5 folder Template : None WWW : www.worldclimate.com	Social Sciences Geography LO 1 Mathematics LO 5
Celebrations	5.7	Find out about an upcoming festival which is going to be celebrated by someone of a different culture in your class. Create a greeting card	Software : Microsoft Word Prerequisite : Celebrations folder Template : None WWW : None	Life Orientation LO 2
Globe Trotters	5.8	Plan a trip around the world. Indicate your route on a map. Calculate the distance covered in a spreadsheet programme	Software : Microsoft Excel; Internet Explorer Prerequisite : Atlas and a ruler; GlobeTrotter Folder Template : None WWW : Various	Mathematics LO 4; LO 5 Social Sciences Geography LO 1
Top Ten Tools	5.9	Learners list and explain their top ten most useful tools in table format	Software : Microsoft Word Prerequisite : Top Ten Tools folder Template : top ten tools list.doc WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Arts and Culture LO 1 Technology LO 2

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Archery Add	5.10	Learners add points of an archery competition to determine a winner	Software : Microsoft Excel Prerequisite : None Template : archery add.xls WWW : None	Languages LO 1; LO 3; LO 5 Mathematics LO 1
Crossing Borders	5.11	Learners create a labelled map of their own country and her neighbours	Software : Microsoft Word Prerequisite : None Template : SAfrica.png WWW : None	Social Sciences Geography LO 1 Languages LO 3; LO 4; LO 5
Tourism in Africa	5.12	Create a concept map about the impact of tourism on a country	Software : FreeMind; Internet Explorer Prerequisite : Class Discussion; Tourism in Africa folder Template : None WWW : Various	Social Sciences Geography LO 1 Language LO 4; LO 5
Weather	5.13	Learners create a weather glyph representing weather for a day using drawing tools	Software : Tux Paint; Internet Explorer Prerequisite : Internet Connection / Newspaper Weather Forecast; Website Links in Volume 5 Folder Template : None WWW : www.worldclimate.com	Social Sciences Geography LO 1
Tools of the Trade	5.14	Learners recreate the toolbars they use in Microsoft Word	Software : Flash Prerequisite : None Template : my toolbar.html WWW : None	Languages LO 1; LO 3; LO 5 Technology LO 2
Medieval Mania	5.15	Create your own coat of arms using graphics to represent your character traits	Software : Microsoft Word; Internet Explorer Prerequisite : Medieval Mania folder Template : Coat of Arms.doc WWW : Various	Life Orientation LO 3

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My Country Let's Go	5.16	Research information on the Internet about a city in your country	Software : Microsoft Word; Internet Explorer Prerequisite : Internet Connection; Website Links in Volume 5 Folder; My Country folder Template WWW : None : www.go2africa.com	Language LO 3; LO 4 Social Science Geography LO 1
People and Culture	5.17	Learners create concept maps showing their understanding of the term culture and the respecting of the cultures within our country	Software : FreeMind; Internet Explorer Prerequisite : Class Discussion; People & Culture Folder Template WWW : None : Various	Life Orientation LO 2 Languages LO 4; LO 5
Units of Measurement	5.18	Learners create a conversion table for recipes using the mathematical and logical functions in a spreadsheet programme	Software : Microsoft Excel; Internet Explorer Prerequisite : Website Link in Volume 5 Folder; Units of Measurement folder for Bobotie recipes Template WWW : None : www.onlineconversion.com	Mathematics LO 4; LO 5 Language LO 3; LO 4
My Values	5.19	Learners create a visual organiser called "A World of Value"	Software : FreeMind; Internet Explorer Prerequisite : Website Link in Volume 5 folder Template WWW : None : www.gurusoftware.com	Language LO 4; LO 5 Life Orientation LO3
Sacred Soil	5.20	Format a passage about soil using more advanced formatting skills	Software : Microsoft Word; Microsoft Excel Prerequisite : None Template WWW : Soil WP.doc : None	Mathematics LO 5

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Germination and Growth	5.21	Learners draw the germination of a bean seed using drawing tools and create a step by step presentation about the process	Software : Internet Explorer; Tux Paint; MS PowerPoint Prerequisite : Website Link in Volume 5 folder Template : None WWW : Various	Languages LO 4; LO 5 Natural Sciences LO 1
Aims and Goals	6.1	Learners create a concept map presenting their 5 main goals for the year	Software : Microsoft Word Prerequisite : None Template : None WWW : None	Life Orientation LO 3 Languages LO 4
Drugs	6.2	Learners create a concept map with relevant information about drugs that the youth have access to	Software : FreeMind; Internet Explorer Prerequisite : Website Link in Volume 6 folder; Drugs folder Template : None WWW : www.teenshealth.org	Life Orientation LO 1 Languages LO 3; LO 4; LO 5
Tuckshop Takeover	6.3	Compile a survey form in a spreadsheet programme about what should be sold at your school tuckshop	Software : Microsoft Excel Prerequisite : Tuckshop Takeover folder Template : Tuckshop Takeover.xls (optional) WWW : None	Mathematics LO 1; LO 5 Language LO 4
Leadership	6.4	Create a concept diagram about the qualities of a good leader	Software : FreeMind Prerequisite : Class Discussion; Leadership Folder Template : None WWW : None	Language LO 4
The Body	6.5	Learners create a table explaining the structure of systems of the body and their function	Software : Internet Explorer; Microsoft Word Prerequisite : Website Link in Volume 6 folder Template : None WWW : Various	Life Orientation LO 1 Languages LO 4; LO 5

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Smoking	6.6	Learners create a concept map about the issues surrounding smoking	Software : FreeMind Prerequisite : Smoking folder Template : None WWW : None	Life Orientation LO 1 Languages LO 4
Communication	6.7	Learners create a concept map of various forms of communication	Software : FreeMind Prerequisite : Communication folder Template : None WWW : None	Technology LO 3 Languages LO 4
Islands	6.8	Learners create a map of a fictitious island with a key to symbols used	Software : Microsoft Word Prerequisite : None Template : my island.doc WWW : None	Languages LO 1; LO 3; LO 5 Social Sciences Geography LO1; LO 2 Arts and Culture LO 1
Rules	6.9	Learners watch a presentation on rules and then create their own rules for the ICT centre	Software : Microsoft PowerPoint; Microsoft Word Prerequisite : Rules.ppt; Rules folder Template : None WWW : None	Life Orientation LO 3 Language LO 4
Geomaths	6.10	Use a template to explore the concept and formulas of perimeter and area	Software : Microsoft Excel Prerequisite : None Template : Perimeter and Area Template.xls WWW : None	Mathematics LO 4 Language LO 3
Doing Dialogue	6.11	Write dialogues for selected cartoon/ photos using speech bubbles	Software : Microsoft Word Prerequisite : Doing Dialogue folder Template : None WWW : None	Language LO 5; LO 6
Formula Fun	6.12	Draw shapes and formulate formulas to calculate their perimeter and area. Create a simple tessellation	Software : Microsoft Excel Prerequisite : None Template : None WWW : None	Mathematics LO 4 Language LO 3

Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Fractions	6.13	Draw up a wall of equivalent fractions and answer questions based on the wall	Software : Microsoft Word Prerequisite : Crazy Wall.doc Template : None WWW : None	Mathematics LO 1
Planning Ahead	6.14	Learners create an action plan for their goals for the year in the form of a presentation	Software : Microsoft PowerPoint Prerequisite : Planning Ahead folder Template : None WWW : None	Life Orientation LO 3 Languages LO 4
Skeleton Scramble	6.15	Learners reconstruct and label a skeleton	Software : Flash Prerequisite : None Template : skeleton scramble.html WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Life Orientation LO 4
Budgets and Banking	6.16	Create a personal budget in a spreadsheet programme	Software : Internet Explorer; Microsoft Excel Prerequisite : Information about employment opportunities for school leavers (job advertisements) Template : None WWW : Various	Mathematics LO 1 Economic & Management Sciences LO 3
Counting Costs	6.17	Graph and analyse data from survey. Research costs of items and compare prices	Software : Internet Explorer; Microsoft Excel Prerequisite : Webiste Links in Vol7 folder Template : Tuckshop Survey.xls WWW : Various	Mathematics LO 1; LO 5 Language LO 4; LO 5
Car Park Capers	6.18	Learners design a car park to efficiently accommodate cars and bikes within defined borders	Software : Flash Prerequisite : None Template : car park.html WWW : None	Languages LO 1; LO 4; LO 5 Mathematics LO 1; LO 3

Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Vote for Me	6.19	Create a presentation about yourself to motivate why you should become a class Senator/ Prefect/ Monitor etc	Software : Microsoft PowerPoint Prerequisite : Digital or scanned individual photos of learners Template : None WWW : None	Life Orientation LO 3 Language LO 4
Beach Jog	6.20	Learners navigate through a maze collecting clues en route	Software : Microsoft Word Prerequisite : None Template : beach jog.doc WWW : None	Languages LO 1; LO 3; LO 5 Mathematics LO 5
Electricity	6.21	Learners create a presentation which explains how to wire a plug as well as general safety tips	Software : Microsoft PowerPoint; Internet Explorer Prerequisite : None Template : None WWW : www.eskom.co.za	Natural Sciences LO 2 Language LO 4
Responsibilities	7.1	Learners create a table about the responsibilities which go with rights	Software : Internet Explorer; Microsoft Word Prerequisite : Website Link in Volume 7 folder Template : None WWW : www.unicef.org	Life Orientation LO 2 Language LO 5
Children's Rights	7.2	Research Children's Rights on the Internet and create a presentation about children's rights	Software : Internet Explorer; Microsoft PowerPoint Prerequisite : Website Link in Volume 7 Folder; Children's Rights Folder Template : None WWW : www.unicef.org	Language LO 5 Life Orientation LO 2

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Countries of the World	7.3	Learners create a spreadsheet comparing statistics between South Africa and 2 developed and 2 developing countries	Software : Microsoft Excel; Internet Explorer Prerequisite : Website Link in Volume 7 folder Template : None WWW : www.mrdowling.com	Social Sciences Geography LO 1 Social Sciences History LO 1 Languages LO 5 Mathematics LO 5
Peer Pressure	7.4	Learners write a letter to a peer offering advice about a peer pressure issue	Software : Microsoft Word Prerequisite : Letters Peer Pressure.doc Template : None WWW : None	Life Orientation LO1 Languages LO 4; LO 6
World Population	7.5	Learners research data on the Internet and create a spreadsheet and graph showing the differences between the population and population densities of various countries	Software : Internet Explorer; Microsoft Excel Prerequisite : Website Link in Volume 7 Folder Template : None WWW : www.cia.gov	Social Studies Geography LO 1; LO 3 Mathematics LO 5
Traditions	7.6	Learners create a visual organiser describing the preparation and customs of a traditional meal	Software : Internet Explorer; FreeMind Prerequisite : Website Link in Volume 7 folder; Traditions folder Template : None WWW : Various	Life Orientation LO 2 Language LO 4
Market Plan	7.7	Learners organise a market area with certain requirements	Software : Flash Prerequisite : None Template : market plan.html WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Mathematics LO 1; LO 3

Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Teenage Issues	7.8	Learners create a concept map to illustrate what challenges the teenagers of today have to cope with	Software : Internet Explorer; FreeMind Prerequisite : Class Discussion; Teenage Issues folder Template : None WWW : Various	Life Orientation LO 1; LO 3 Languages LO 4
Natural Disasters	7.9	Learners create a presentation about natural disasters and their effects	Software : Internet Explorer; Microsoft PowerPoint Prerequisite : Website Link in Volume 7 Folder Template : None WWW : Various	Social Sciences Geography LO 2 Language LO 4; LO 5
Earth and Beyond	7.10	Learners create an information table about all the planets in our solar system	Software : Microsoft Word /Internet Explorer Prerequisite : Link in Vol7 website links Folder; Earth and Beyond folder Template : None WWW : www.enchantedlearning.com	Natural Sciences LO 2 Language LO 5 Social Sciences Geography LO 1
HIV AIDS	7.11	Research information about HIV/AIDS statistics and create spreadsheets and graphs. Analyse the information	Software : Internet Explorer; Microsoft Excel Prerequisite : Website Link in Volume 7 Folder Template : None WWW : Various	Life Orientation LO 1 Language LO 4 , LO 5 Technology LO 1 Mathematics LO 5
A Good Story	7.12	Learners research the characteristics of a good story and create a concept map	Software : Internet Explorer; FreeMind Prerequisite : Website Link in Volume 7 folder; A Good Story folder Template : None WWW : www.angelfire.com	Technology LO 1 Language LO 3; LO 4

Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Youth CrissCross	7.13	Learners complete a crossword puzzle using words relating to June 16 th	Software : Flash Prerequisite : None Template : youth day crossword.html WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Social Sciences History LO 2
My Own Business	7.14	Create an animated presentation which outlines how you will go about setting up and starting your own business	Software : Internet Explorer; Microsoft PowerPoint Prerequisite : Website Link in Volume 7 folder; My Own business.pdf; My Own Business folder Template : My Own Business.ppt WWW : Various	Economic & Management Sciences LO 4 Technology LO 1 Language LO 4 ; LO 5
Co-operation and Conflict	7.15	Create a concept diagram about the consequences of and alternatives to war	Software : FreeMind Prerequisite : Co-operation & Conflict folder Template : None WWW : None	Social Sciences History LO 2 Languages LO 4; LO 5
Ancient Civilizations	7.16	Research information and create a graphics organiser about the way of life in one Ancient Civilization using a spreadsheet programme	Software : Internet Explorer; Microsoft Excel Prerequisite : Website Link in Volume 7 Folder Template : Ancient Civilizations Research Table.doc WWW : Various	Social Sciences History LO 1 Language LO 4; LO 5 Technology LO 1
Pizza Portions	7.17	Learners create 4 pizza's with different toppings	Software : Flash Prerequisite : None Template : pizza portions.html WWW : None	Languages LO 1; LO 3; LO 4; LO 5 Mathematics LO 1

Name	Vol no	Integrated Activity	Resources Used	Learning Outcomes
Diversity	7.18	Learners create a presentation about customs and how diverse they are	Software : Internet Explorer; Microsoft PowerPoint Prerequisite : Website Link in Volume 7 folder Template : None WWW : Various	Life Orientation LO 2 Language LO 4; LO 5
Clouds	7.19	Learners complete a chart about the three main cloud types	Software : Microsoft Word Prerequisite : Clouds folder Template : cloud chart.doc WWW : Various	Languages LO 1; LO 3; LO 4; LO 5 Natural Sciences LO 2
Youth Day	7.20	Learners create an Microsoft PowerPoint presentation about events of June 16 th , past and present	Software : Microsoft PowerPoint Prerequisite : Website Link in Volume 7 folder ; Youth Day folder Template : Youth Day.ppt WWW : Various	Languages LO 1; LO 3; LO 4; LO 5 Social Sciences History LO 2
Write from the start	7.21	Learners research information and create a web page about the development of writing and the resulting consequences	Software : Internet Explorer / MS Encarta; MS Publisher Prerequisite : Website Link in Volume 7 folder Template : None WWW : Various	Language LO 4; LO 5 Social Sciences History LO 1