



Integrated ICT Learning Unit
 Volume 7
 Soccer Special – Stadium Stats

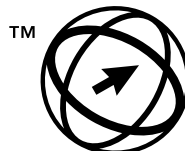
Stadium Stats

Name:

Grade:

A map of South Africa is centered, with lines connecting to ten different stadium locations. Each location is accompanied by a small photograph of the stadium and a data box containing its name, capacity, and year built.

City	Name	Capacity	Built
Rustenburg	Royal Bafokeng	44,530	1995
Johannesburg	Soccer City	94,700	2009
Johannesburg	Ellis Park Stadium	62,567	1928
Polokwane	Peter Mokaba	46,000	2010
Bloemfontein	Free State Stadium	48,000	1995
Nelspruit	Mbombela Stadium	43,589	2007
Cape Town	Cape Town Stadium	69,070	2007
Port Elizabeth	Nelson Mandela Bay	48,000	2007
Durban	Moses Mabhida	70,000	2006
Pretoria	Loftus Versfeld	51,760	2008



Endorsed by the
ECDL Foundation

Overview

This integrated ICT learning unit consists of one activity which explores the concept of **the features of the various stadiums.**

Lesson format:

- 10 minutes Educational game (optional; at the discretion of the teacher)
- 5 minutes "Tech Talk" which introduces ICT terminology
- 5 minutes Touch Typing skills which develops essential touch typing techniques
- 20 minutes+ Integrated activity involving tasks which relate to relevant content being covered in the classroom

ICT skills covered in this Learning Unit:

Word Processing	Graphics	Spreadsheets	Databases	Internet	E-mail	Presentations	Drawing	Web design	Information Organiser	Simulations & design	Desktop Publishing	Operating Systems	Programming & logic
√	√			√								√	

Structure of the Learning Unit:

Integrated Activity

This lesson is aimed at integrating ICT into current, relevant class curriculum. Using this approach enables learners to use the computer not only as a working tool but also as a relevant learning tool to learn new concepts and skills or consolidate previously learnt work. This activity will take between 20 – 60 minutes (or 1-3 lessons) to complete depending on the ability of the learners and the time available.

e-Learner Assessment

The required assessment for each unit is completed by the ICT teacher by means of evaluating each skill on the skills matrix. The ICT teacher can indicate on the skills matrix whether the skill is being practised or developed by inserting a tick in the appropriate column next to the appropriate skills. Should the teacher wish to formally assess the skills, a symbol of 1, 2, 3 or 4 is inserted into the matrix in the assess column next to each skill assessed. The corresponding skills should also be marked off on the e-Learner Administration System and forwarded to Head Office when completed. As a pre-requisite for accreditation, all the required skills for each e-Learner unit need to be mastered. In this way, the level of ICT competency as well as the progress of each learner can be monitored. This matrix may be printed or photocopied for each learner.

LEARNING OUTCOMES ADDRESSED IN THIS INTEGRATED ICT LEARNING UNIT						
Learning Areas	LO1	LO2	LO3	LO4	LO5	LO6
Languages	Listening	Speaking	Reading & viewing	Writing	Thinking & reasoning	Language Structure & use
Mathematics	Numbers, operations & relationships	Patterns, functions & algebra	Space & shape (Geometry)	Measurement	Data Handling	
Natural Sciences	Investigate relationships & solve problems in scientific, technological & environmental contexts	Interpret & apply scientific, technological and environmental knowledge	Relationship between science, technology, society & environment			
Social Sciences - History	Historical Enquiry	Historical Knowledge and Understanding	Historical interpretation			
Social Sciences - Geography	Geographical Enquiry	Geographical Knowledge and Understanding	Exploring Issues			
Arts and Culture	Creating, Interpreting and Presenting	Reflection	Participation and Collaboration	Expression and Communication		
Life Orientation	Health Promotion	Social Development	Personal Development	Physical Development and Movement	Orientation to World of Work	
Economics and Management Sciences	Economic Cycle	Sustainable Growth and Development	Managerial, Consumer & Financial Knowledge & Skills	Entrepreneurial Knowledge & skills		
Technology	Technological Processes & Skills	Technological Knowledge & Understanding	Technology, Society & the Environment and use			

STRUCTURE OF LESSON STADIUM STATS

INTEGRATED LESSON	
Prior Learning Requirements	
Concept / Topic: Basic knowledge of places within South Africa	
ICT Skills: Inserting graphics; using auto shapes; multitasking between documents	
Educational Game	10 Min
A suitable educational game may be used as an optional activity at any point during the course of the lesson at the discretion of the ICT or class teacher	
Touch Typing	5 Min
A suitable activity should be selected by the ICT or class teacher to ensure continuity and progression of appropriate skills	
Tech Talk	5 Min
COPY AND PASTE	
This feature allows you to copy text or graphics without having to retype or create them and paste into the same document or into another document or program (a time saving feature). To do this, select / highlight the text or graphic you want to copy. Click on edit - copy and then click where you want the copy pasted and click edit - paste. Alternatively use the shortcut keys: Control + C to copy and Control + V to paste	
Integrated Activity	20 Min
Learners research information about various stadium venues and create an informative document	
Resources Used	
Software: Microsoft Word	
Prerequisite: None	
Template: stadium_stats.doc	
WWW: None	
Learning Outcomes	
<ul style="list-style-type: none"> • Language LO 1; LO 3; LO 4; LO 5 • Social Sciences Geography LO 1 	
Additional Learning Opportunities	
Concept / Topic: 5.2 Provinces	
ICT Skills: 7.1 Responsibilities 7.4 Peer Pressure	
Beyond the ICT Centre	
<ul style="list-style-type: none"> • Find out about the local sports clubs in your area and make a fact sheet about what they have to offer 	

Learner name:	Class	
Integrated Activity: Learners research information about various stadium venues and create an informative document		
Theme/Topic: Stadium Stats	Integrated Activity	
Learning Outcomes & Assessment Standards	Practice	Assess
Language		
7.1.2 Listens actively and carefully for specific information and main ideas, and responds appropriately		
7.3.4 Shows understanding of information texts		
7.4.2 Produces factual and multimodal texts		
7.5.2 Uses language to investigate and explore		
7.5.3 Processes information: records information in an accessible format		
<i>Comment:</i>		
Social Sciences Geography		
7.1.2 Organises and interprets information relevant to the enquiry from simple graphs, maps and statistical source		
7.1.4 Uses local maps and/or orthophoto maps to locate and investigate		
<i>Comment:</i>		
Concepts and Skills		
Locate and access relevant information		
Locating places on maps		
Presenting information		
4 = Exceeded Requirements 3 = Satisfied Requirements 2 = Partially Satisfied Requirements 1 = Has Not Satisfied Requirements		

Learner name:		Class	
Integrated Activity: Learners research information about various stadium venues and create an informative document			
Theme/Topic: Stadium Stats		Integrated Activity	
e-Learner Skills		Practice	Assess
Unit 2 - Files and Folders			
2.2.1 Right / Left click mouse			
2.2.2 Single / Double click mouse			
2.3.1 Alpha / numeric keys on keyboard			
2.3.2 Special Keys (Ctrl / Alt / Shift etc) on keyboard			
2.3.3 Cursor Keys on keyboard			
2.4 Recognising icons			
2.5.1 Open / Exit programmes Using Shortcuts			
2.6.1 Maximise / Minimise window			
2.6.4 Multitask between documents / applications			
2.6.5 Using the task bar			
2.7.1 Navigating through folders / Folder structure			
2.7.3 Navigating within a file (scrollbar / hyperlinks)			
2.7.4 Opening Files			
2.7.5 Saving Files			
2.7.6 Closing Files			
4 = Exceeded Requirements 3 = Satisfied Requirements 2 = Partially Satisfied Requirements 1 = Has Not Satisfied Requirements			

Learner name:	Class	
Integrated Activity: Learners research information about various stadium venues and create an informative document		
Theme/Topic: Stadium Stats	Integrated Activity	
e-Learner Skills	Practice	Assess
Unit 4 - Word Processing		
4.1 Open programme		
4.2.2 Opening document		
4.3.1 Insert text		
4.3.2 Format Text (font face/ colour / size / bold)		
4.5.1 Insert graphics		
4.5.2 Format graphics		
4.5.3 Move graphics		
4.5.4 Resize graphics		
4.5.6 Delete graphics		
4.5.7 Group / Order graphics		
4.6.2 Type text into text boxes		
4.6.3 Move text boxes		
4.6.5 Copy / Paste text boxes		
4.6.6 Delete text boxes		
4.8 Save		
4.10 Print		
4.11 Exit		
4 = Exceeded Requirements 3 = Satisfied Requirements		
2 = Partially Satisfied Requirements 1 = Has Not Satisfied Requirements		

Integrated Lesson Stadium Stats (Microsoft Word)



EDUCATIONAL GAME: (10 minutes)

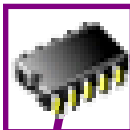
A suitable educational game, as per Appendix A, may be used as an optional activity at any point during the course of the lesson at the discretion of the ICT or class teacher



TOUCH TYPING (5 minutes)

Check that all students:

1. Can easily reach the keyboard and mouse
2. Are sitting with the keyboard squarely in front of them
3. Have both their hands correctly positioned over the home row



TECH TALK: (5 minutes)

COPY AND PASTE

This feature allows you to copy text or graphics without having to retype or create them and paste into the same document or into another document or program (a time saving feature). To do this, select / highlight the text or graphic you want to copy. Click on edit - copy and then click where you want the copy pasted and click edit - paste. Alternatively use the shortcut keys: **Control + C** to copy and **Control + V** to paste



INTEGRATED ACTIVITY (20 – 60 MINUTES)

In order to promote relevant discussion, the following questions are posed by the educator to the learners:

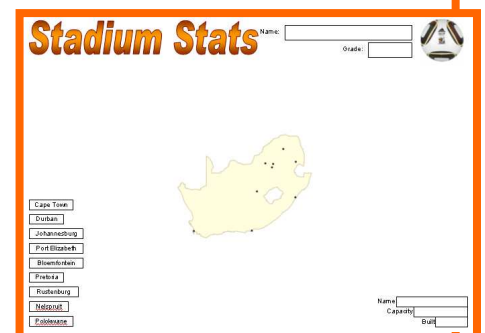
- **Has anyone been to a big event at an outdoor stadium?**
- **Do you know the capacity of any of the well-known stadiums?**
- **Do you know the location of any stadiums around our country?**

A short discussion takes place about the various stadiums which one would find locally and further a field within the country. Mention could be made of the types of events, besides sporting events, that stadiums are used for (such as youth rallies or music concerts)

Explain to the learners that they are going to research information about the various stadiums around our country, where they are, what they are called and some other interesting facts about each.

Task: To day we will research information about the various stadiums around the country, plot their position on a map and complete some facts about each.

1. Double click on the **Computers 4 Kids** icon on your desktop and click on the relevant **volume number** and **lesson number**.
2. Click on the template hyperlink under the Template Link heading.
3. The opened template will look like this:
4. Save your document into your **digital portfolio** → **file** → **save as** → **locate your portfolio** → **double click** → **type a suitable name in the file name box** → **save**
5. Begin by looking at the map in the centre of the document. Each dot is a location of a stadium. The names of the locations have been added to the document for you but you will need to drag them to the correct location.



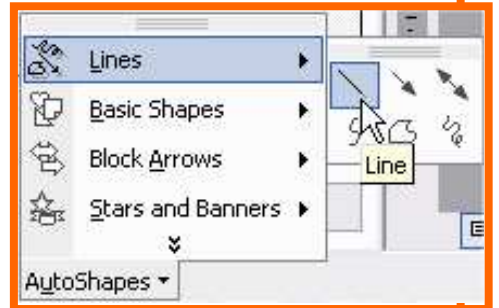
6. Minimise your document and return to the interface. View the map of South Africa which has been saved for you under the **Resource Linx**. Align each of the place names on the document using the map as reference.
7. *Note to Educator: There is one place name which has not been specified on the reference map (Rustenberg) but this can easily be identified once the other place names have all been located.*

8. The first place name to locate is "Cape Town". Locate Cape Town on the saved map of South Africa.

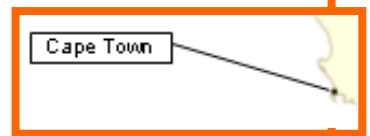


9. Maximise your document. Click and hold the left mouse button down as you drag the textbox containing the place name "Cape Town" close to the dot on the map which represents Cape Town. We must leave a little space between the map and the place name as there is going to be additional information that needs to be added next to the word "Cape Town" as well.

10. Now let's join the dot to the place name by drawing a straight line. **Click on AutoShapes → Lines → Line**. Your cursor will change into a crosshair shape. **Click and hold the left mouse button down** as you **drag to draw a line** starting from



the dot on the map and ending at the textbox containing the place name "Cape Town".



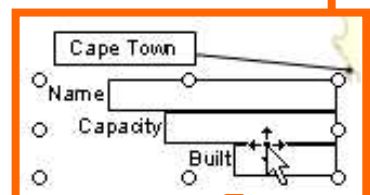
11. If you need to nudge either the drawn line or the textbox into position you can select the item which needs to be moved by **clicking on it → hold down control and move the item slightly by using the cursor (arrow) keys** on the keyboard.

12. Now we will need to research and complete the additional information required about Cape Town.

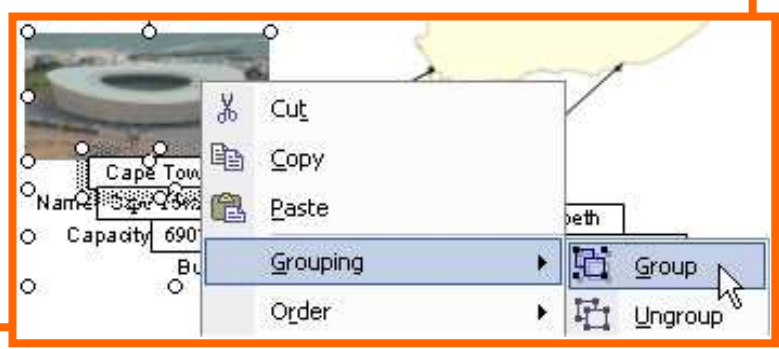
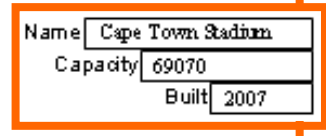
13. Look at the group of textboxes in the lower right hand corner of the document. (Name / Capacity / Built). **Right click on the textboxes → copy → right click → paste**.



14. Drag the pasted textbox group and position it under the textbox containing the name of the city (Cape Town).



- 15. Minimise your document and return to the interface. Click on the information relating to Cape Town which has been saved for you under the **Resource Linx**.
- 16. Find the additional information required about the Cape Town stadium (Name / Capacity / Built)
- 17. Maximise your document and enter this information next to the appropriate headings.
- 18. Lastly we will paste a picture of the Cape Town stadium onto the document.
- 19. Minimise your document and **return to the saved information about the Cape Town stadium → right click on the image → copy → return to your document → paste.**
- 20. You will need to format your image so that you can size it and move it around on your document. **Right click on the image → format picture → layout tab → in front of text.**
- 21. To resize the image of the stadium, click on the image. White adjustment handles will appear around the image. **Hold down Shift and drag one of the adjustment handles at the corner of the image inwards** (to scale the image smaller).
- 22. Drag the image into position over the information about the Cape Town stadium. You should now have the image of the Cape Town stadium, the name of the location pointing to the map as well as the name of the stadium, capacity and the year in which it was built.
- 23. Click on the **object selection tool** on the **drawing toolbar**. **Drag a rectangular shape over the image of the stadium and the information textboxes to select them → place you cursor over the image → right click → grouping → group.** All these elements will now be grouped together as one unit and can easily be shifted around to make space for the other elements which need to be placed on the page.



24. *Note to the Educator: As there is information about 10 stadiums which needs to be placed on this page, it fits best to have 3 sets of information down the edges of the page and 2 sets of information across the bottom of the page.*



25. You may now start to collate information and a picture of the stadiums at the other locations mentioned on the map in a similar way.

26. Once you have images and information about each of the stadiums around the country and you have indicated their location on the map you may enter your name and grade.



27. Click next to "Name" and enter your name.

28. Click next to "Grade" and enter your grade.

29. Save your work by clicking on **file** → **save**

30. To print your document, click on **File** → **Print** or the **print** icon on the toolbar.





31. **Close Microsoft Word** by **clicking** on **file** → **exit** or clicking on the top **X** at the top of your screen


Stadium Stats

Name:


Grade:









Rustenburg
Name: **Royal Bafokeng**
Capacity: **44,530**
Built: **1995**




Bloemfontein
Name: **Free State Stadium**
Capacity: **48,000**
Built: **1995**




Cape Town
Name: **Cape Town Stadium**
Capacity: **69,070**
Built: **2007**




Port Elizabeth
Name: **Nelson Mandela Bay**
Capacity: **48,000**
Built: **2007**




Durban
Name: **Moses Mabhida**
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Pretoria
Name: **Loftus Versfeld**
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Built: **2008**




Nelspruit
Name: **Mbombela Stadium**
Capacity: **43,589**
Built: **2007**



Polokwane
Name: **Peter Mokaba**
Capacity: **46,000**
Built: **2010**



Johannesburg
Name: **Ellis Park Stadium**
Capacity: **62,567**
Built: **1928**



Johannesburg
Name: **Soccer City**
Capacity: **94,700**
Built: **2009**

Teacher Feedback Form

This Teacher Feedback Form serves as a

- ❖ Personal record of work covered with your class
- ❖ Feedback form about this lesson to your management
- ❖ Feedback form about this lesson to your colleagues

Place a relevant comment in each of the boxes.

Volume Number			
Learning Unit			
Integrated Lesson			
Educational Game			
Touch typing / Keyboard Skills			
Tech Talk			
I found this Learning Unit to be...			
Engaging?			
Relevant?			
Significant?			
Challenging?			
General Comment			
Name		Date	




This **Teacher Feedback Form** may be photocopied or found in digital format with the Educator Resources

Self Assessment Form

This Self Assessment Form serves as a

- ❖ Personal record of work covered during class
- ❖ Personal record of your progress

Place a tick (✓) and comment in the relevant boxes.

Volume Number				
Learning Unit				
Regarding this Learning Unit ...	Great 	Partial 	None 	Comment
When I started this task my knowledge of this topic was...				
The effectiveness of my completed task is...				
My answers to the topical questions were...				
The pride and care I took in the presentation of my work was...				
After completing this task my knowledge of this topic is...				
During this task I have learnt to be...				
Caring		Principled		
Communicative		A Risk Taker		
Reflective		A Thinker		
Inquiring		Well-balanced		
Knowledgeable		Open-minded		
After completing this task I have learnt...				
Name			Date	




This **Self Assessment Form** may be photocopied or found in digital format with the Educator Resources

Peer Assessment Form

This Peer Assessment Form serves as

- ❖ Feedback to your peer about your perception of their achievements
- ❖ A record of your personal perception of your peers achievements

Place a tick (✓) and comment in the relevant boxes.

Peer's Name				
Volume Number				
Learning Unit				
Regarding this Learning Unit ...	Yes 	Sort Of 	No 	Comment
Has the task been completed?				
Is the completed work effective?				
Have the topical questions been answered successfully?				
Have they taken pride in the presentation of their work?				
Have you learnt anything new from your friends work?				
I think this task has taught my friend to be...				
Caring		Principled		
Communicative		A Risk Taker		
Reflective		A Thinker		
Inquiring		Well-balanced		
Knowledgeable		Open-minded		
By completing this task I think my friend has learnt...				
Name			Date	

This **Peer Assessment Form** may be photocopied or found in digital format with the Educator Resources