# 100yrs logo

# Grade 12 Worksheet for 5 February 2011

Save this document in the “Elements” folder on the h-drive and name it yourelement.docx, e.g. Ytterbium.docx if you have the element Ytterbium.

Things to do today:

1. Biodiversity Bits -
2. Start your electronic diary with entries about your research project from last year and your puppet show. Name your diary yoursurnameDiary.doc
3. Fill in the information about your element below – get it from Wikipedia and please add the URL to all your images.
4. Answer the questions at the end of this sheet
5. Find the coordinates of your home or the place where you hope to be when you take part in Globe@Night – to do this go to:  
   <http://www.itouchmap.com/latlong.html> or to  
   <http://maps.google.com/> or look at your home from above

<http://gis.tshwane.gov.za/website/Tshwane_Internet/viewer.htm>?

1. At the end of the day – update your electronic diary

## Element

Name: \_\_\_

Atomic symbol: \_\_\_

Atomic number: \_\_\_

Electronegativity \_\_\_

Electron configuration \_\_\_

State: \_\_\_

A short description of how it looks like: \_\_\_

What is it used for: \_\_\_

A short description of the origin name:

Insert a photo here of the element and copy/paste the URL of the website where you found it.

Find a photo depicting a use of your element, put it in here and copy/paste the URl of the web site from which you copied it.

Play around with “picture tools” to make sure you understand, “wrapping”, alignment and resizing.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Internet Worksheet

1. What does “Copyright” mean?

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1. Insert the “Copyright” sign here.
2. What does “Copyleft” mean? and what does it’s sign look like?

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1. Insert the sign for “Copyleft” here:
2. What is “Wikimedia Commons”?

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1. What is ‘plagiarism’?

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1. Decide on one or two search terms and try at least 3 different search engines – list the first two results on each search engine.