





Integrated ICT Learning Unit

Methods of purifying water



Weekly Class Newsletter
August 21, 2017



Capturing water

Dear Fellow Classmates

After thorough research, I have decided to share with you ways in which we can all purify water in our homes. As we all know, water has become very precious to us South Africans. We all need to do our part by sticking to the water restrictions and saving water!

There are many different ways in which we can purify water in our homes.


- **Boiling Water**
 - * Step 1: Boil the water in a pot
 - * Step 2: Allow the water to cool down completely
 - * Step 3: Always make sure to cover the pot with a lid or clean cloth to shield it from getting contaminated by outside things, such as dust or insects.
- **Solar Disinfection**
 - * Fill a plastic clear bottle with water and leave it in a safe hot area, where the full sun can reach it for at least 2 hours. The combination of the warm water and the ultraviolet radiation from the sun kills most micro-organisms. (Tip: Paint half the bottle black to speed up the process)

Adding Water Purification Tablets

* There are many water purification tablets available. You can buy these at any chemist or local camping shop. You need to make sure that you follow the instructions carefully on the package insert.

[THE WEEK AHEAD]

Please keep following me on more information on water purification.



STRUCTURE OF LESSON METHODS OF PURIFYING WATER

INTEGRATED LESSON	
Prior Learning Requirements	
Concept / Topic: The knowledge of water purification	
ICT Skills: Ability to type using WordArt and insert pictures	
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	
Keyboard / Mouse Skills	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
WIKI A website or database developed collaboratively by a community of users, allowing any user to add and edit content.	
Integrated Activity	20 Min
Learners create a class newsletter on different methods of purifying water.	
Resources Used	
Software: None	
Prerequisite: Water Purification.pdf	
Template: None	
WWW: None	
Subjects	
<ul style="list-style-type: none"> • Life Skills • English Language 	



Task: Learners create a class newsletter on different methods of purifying water.

1. Open the **Water Purification.pdf** by double clicking on the file you received in the folder you just downloaded.
2. Browse through the information and collect all the water purification tips by writing them down on a scrap piece of paper using your own words. *(Or type them in a word document to copy and paste into your newsletter at a later stage).*
3. Open **Microsoft Word** → **double click on the icon on the desktop.**
4. **File** → **New** → click in the "Search box" → type "Class Newsletter" → **select it** → and click on the **download button.**

Office.com Templates

Search Office.com for templates

5. To edit the information in the placement holders on the template which you just downloaded → **click inside any of the Textboxes on screen** → **type your own information.**
6. If you don't need to use all the text placeholders on the document, you can remove them → **select the textbox by clicking once on it** → press the "**Delete**" button on your keyboard.
7. Insert your name at the end of your newsletter.
8. If you wish to change the font of your article → **click at the beginning of your article** → **hold in the click button and drag to highlight all the text** → **Home Ribbon** → **click the font down arrow** → **choose a suitable font.**
9. Save your document → **File** → **Save As** → **locate your portfolio folder** → **Save.**
10. Print this file → **File** → **Print** → **Print button.**
11. **Exit Microsoft Word** → **File** → **Exit.**



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