



# Integrated ICT Learning Unit

## Fire Fighting Word Search Puzzle

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

**Fire Fighting**

H P I J A W T K I Y Y T I X E  
R E H S I U G N I T X E T D V  
V F F G P S Q A D D T S R D W  
T X I V U F M R E D D A L R Z  
Q W E R K F G N T A M P E I T  
C A Z K E G D Q O N A M J L A  
X T W A O F C A P H A L B L E  
H T F F O M I B J L F R A N H  
S T S G R E S G F O F G D R J  
J C S W A T E R H I Y E W Y M  
K C U R T E R I F T M A A B H  
N E R I S T I S O L E R M D Z  
J J C B N B J Y L R T R U X N  
I L Q S P T B A A W V A S K L  
S E H C T A M G M R D I A K U

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ALARM  
DRILL  
EXIT  
EXTINGUISHER  
FIREFIGHTERS  
FIRETRUCK  
FLAME  
GEAR  
HEAT  
HYDRANT  
LADDER  
MATCHES  
SIREN  
SMOKE  
WATER

## Overview

This integrated ICT learning unit consists of one activity which explores the concept of **fire vocabulary**.

### Lesson format:

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

### ICT applications used 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
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### Structure of the Learning Unit:

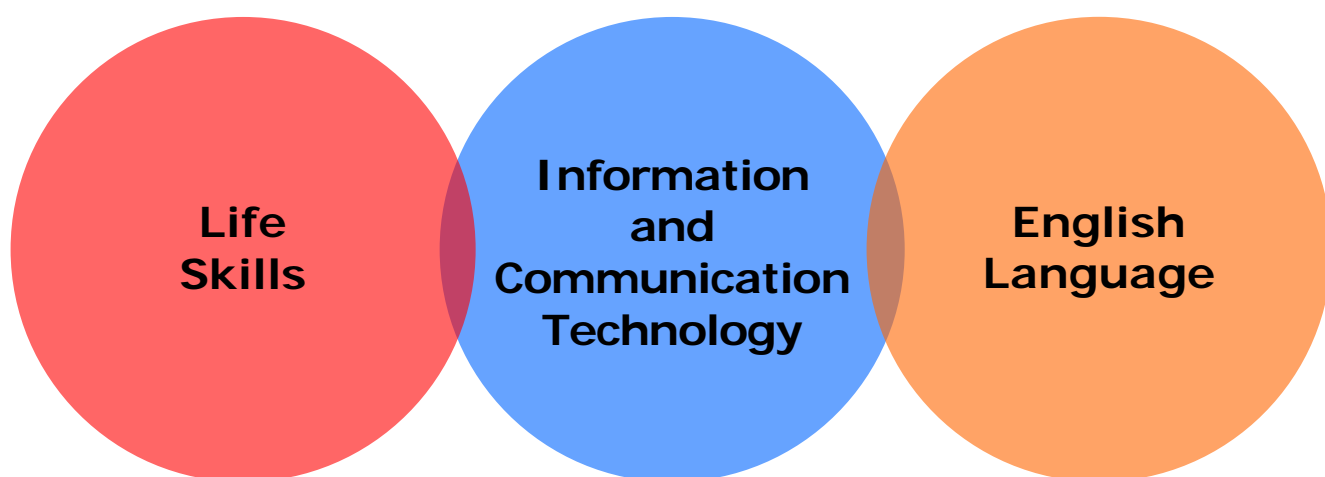
#### Integrated Activity

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, the relevant achievement level can be indicated in the assess column next to each skill assessed. The corresponding e-Learner skills should also be marked off when completed. The e-Learner skills can also be formally assessed by subscribing to the relevant online e-Learner assessment for which an ECDL endorsed certificate will be issued upon successful completion of the course. By utilising these assessment tools, the level of ICT competency as well as the progress of each learner can be monitored. The assessment matrix, as contained in this lesson instruction book, may be printed or photocopied for each learner.

## ICT INTEGRATION ACROSS THE CURRICULUM



## STRUCTURE OF LESSON FIRE FIGHTING WORD SEARCH PUZZLE

INTEGRATED LESSON	
<b>Prior Learning Requirements</b>	
<b>Concept / Topic:</b> Knowledge of fire vocabulary	
<b>ICT Skills:</b> Inserting text into order; Effective control and use of the mouse	
Educational Game	<b>10 Min</b>
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	<b>5 Min</b>
A suitable activity should be selected by the ICT or class teacher to ensure continuity and progression of appropriate skills	
Tech Talk	<b>5 Min</b>
<b>AUTOSHAPES</b> A group of ready-made shapes which include rectangles and circles plus a variety of lines and connectors, block arrows, flowchart symbols, stars and banners.	
Integrated Activity	<b>20 Min</b>
Learners identify key fire vocabulary and complete the word search puzzle.	
<b>Resources Used</b>	
<b>Software:</b> None	
<b>Prerequisite:</b> None	
<b>Template:</b> Fire Fighting Word Search Puzzle.pdf	
<b>WWW:</b> None	
<b>Subjects</b>	
<ul style="list-style-type: none"> <li>• Life Skills</li> <li>• English Language</li> </ul>	
<b>Beyond the ICT Centre</b>	
<ul style="list-style-type: none"> <li>• Write a letter to thank the firefighters for all their hard work and dedication.</li> </ul>	



## INTEGRATED ACTIVITY

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

- **Can you name a few safety rules when it comes to fires?**
- **Why is it important to know these rules?**
- **How can fires be dangerous to animals and people?**

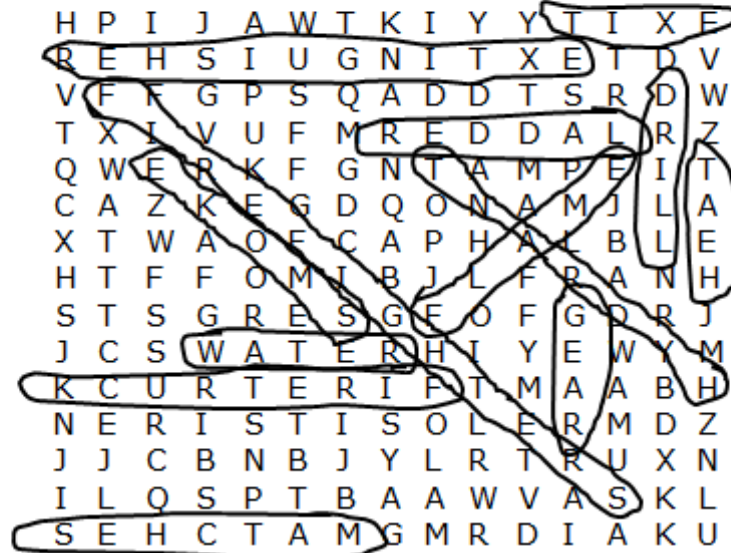
A short discussion takes place about the dangers of fires.

**Task: Today you are going to identify key fire vocabulary and complete the word search puzzle.**

*Note to the educator: This task requires the template **Fire Fighting Word Search Puzzle.pdf***

1. Open the **Fire Fighting Word Search Puzzle.pdf** template by double clicking the shortcut in the folder which you just downloaded.
2. Print the word search puzzle → **File** → **Print** → **Print button**.

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