

# CYBER CADETS

Guiding You Through Cyberspace



## The Cyber Safety Awareness Toolkit for Learners



British  
High Commission  
Pretoria

UNISA

college of  
science, engineering  
and technology

For further information visit:

<https://www.cybersecurityhub.gov.za/cyberawareness/>

<http://cyberaware.co.za>





## Introduction:

The main purpose of the Cyber Safety Awareness Toolkit is to raise awareness, educate and to forewarn learners, parents (or caregivers) and teachers about the dangers within cyberspace. The toolkit will enable learners to detect and avoid potential threats, as well as empower them to better deal with any possible cyber incidents, should they occur.

Following an extensive research project, the key topics, findings, threats and vulnerabilities facing learners between the ages of 12 to 19 are highlighted by the below word clouds:



Key cyber topics



Top 20 research findings



Key cyber threats



Key cyber vulnerabilities



## The Key Objectives of the Toolkit:



To improve learners' knowledge and understanding of how to protect themselves against cybercrime.

To identify effective models for delivery of an accessible, cyber safety and awareness toolkit for learners in South Africa.

To recommend and design a effective framework, structure and content headings for the toolkit.

## Structure of Toolkit Themes and Topics:

To achieve the goal of effectively raising cyber safety awareness, the recommended topics are logically incorporated within a storyline consisting of the five key cyber safety themes.

It is believed that all current and future topics of interest would be able to be incorporated within one of these cyber safety themes and therefore becomes a framework that will allow for scaling and growth.



Theme 1:

### A Trip Into Cyberspace

Digital Footprint, Cyber Risks and Threats and Online Privacy are covered by this theme. The theme will also include an introduction, statistics / interesting facts, advantages, and disadvantages of cyberspace.



Theme 2:

### Protecting People

Cyberbullying, Family Safety, and Communication, Respect and Ethics are covered by this theme. The theme will also include an introduction, statistics / interesting facts, vulnerabilities of people and threat actors.



Theme 3:

### Securing Devices

Technology Threats, Mobile Devices, and Malware Protection are covered by this theme. The theme will also include an introduction, statistics / interesting facts, positives, and vulnerabilities of devices.



Theme 4:

### Smart Apps

Social Media, Safe Web Browsing, and Gaming are covered by this theme. The theme will also include an introduction, statistics / interesting facts, positives, and vulnerabilities of apps.



Theme 5:

### Useful Information

Offensive and Inappropriate Content, Cyber Scams, and Password Management are covered by this theme. The theme will also include an introduction, statistics / interesting facts, positives, and vulnerabilities of information.



# The Cyber Safety Awareness Toolkit for Learners



## Cyber Safety Awareness Toolkit Components:

### Online Platform



### Word Searches



### Posters



### Games



### Workbooks



### Videos



### Cartoons



## Application of ADKAR Approach to South African Cyber Safety Awareness Toolkit Project Explained:



### AWARENESS

This point refers to the creation of awareness about a certain topic. In other words, which items within the toolkit aim to achieve this.

### DESIRE

This point refers to factors which motivate individuals to participate. In other words, which items within the toolkit aim to achieve this.

### KNOWLEDGE

This point refers to the items within the toolkit which will enable the gathering of knowledge by participants.

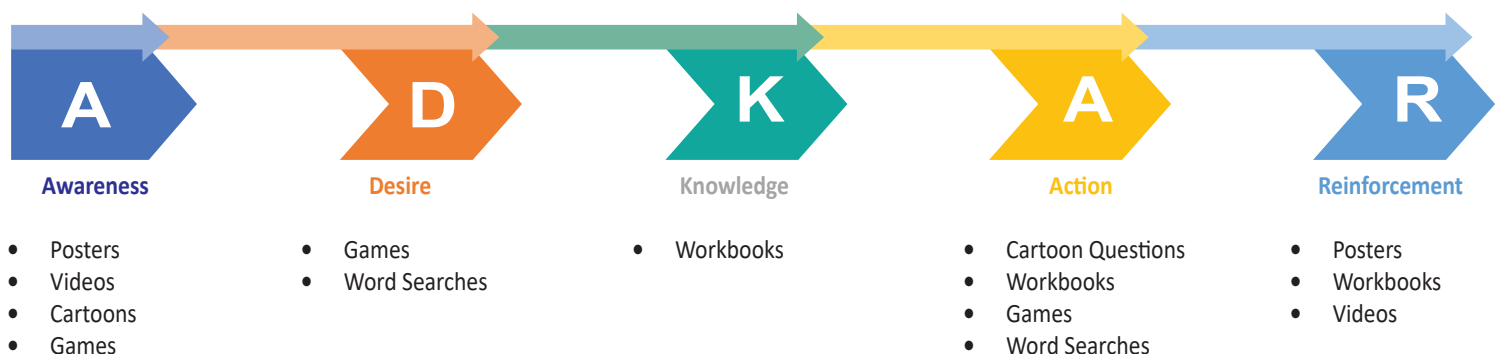
### ACTION

This point refers to the implementation of skills acquired from the toolkit, and therefore will enable the participants to apply the skills they acquired.

### REINFORCEMENT

This point refers to the items within the toolkit which aim to monitor and control the newly acquired knowledge and skills, including assessment, to assure success.

## ADKAR Applied to South African Cyber Safety Awareness Toolkit:



Be part of the solution by visiting <https://www.cybersecurityhub.gov.za/cyberawareness/>  
<http://cyberaware.co.za>



British  
High Commission  
Pretoria

UNISA

college of  
science, engineering  
and technology

For further information visit:

<https://www.cybersecurityhub.gov.za/cyberawareness/>  
<http://cyberaware.co.za>



# JOIN US ON A CYBER SAFETY AWARENESS JOURNEY

Taking a trip into cyberspace? Decline social media invitations you are not sure about.

No to cyberbullying.

Using the Internet is fun. Enjoy it most by keeping yourself safe. Be smart, responsible, and safe online!

Secure your profile on social networking sites. Secure your smart device.

Be alert behind your screen. Always protect your personal information.



## CYBER CADETS

Guiding You Through Cyberspace



British  
High Commission  
Pretoria

UNISA

college of  
science, engineering  
and technology

For further information visit:

<https://www.cybersecurityhub.gov.za/cyberawareness/>  
<http://cyberaware.co.za>

