

# VOLDOEN JY AAN DIE VEREISTES VAN DIE VIERDE INDUSTRIËLE REVOLUSIE (4IR)?



Via Afrika

Our Teachers. Our Future.

## VIA AFRIKA SE AANLYN-OPLEIDING SAL JOU TOERUS OM DIT TE KAN DOEN.

Die Via Afrika Akademie vir Digitale Onderwys (VADEA) is geskep met die oogmerk om onderwysers toe te rus met die kennis, vaardighede en waardes wat nodig is om ons leerders voor te berei op hulle regmatige plek in die toekoms as bekwame en selfversekerde volwassenes. VADEA bestaan uit 'n reeks opleidingsessies wat vir onderwysers die geleentheid gee om die uitdagings van e-onderwys en die 4IR met selfvertroue aan te pak. Dit word bereik deur 'n reeks aanlyn-opleidingsessies wat hulle van die begin van die reis na 4IR-vaardigheid vergesel, tot by 'n eindpunt van bevoegdheid en selfvertroue in 'n nuwe tipe klaskamer.



### IMPLEMENTING DIGITAL EDUCATION IN SCHOOLS FROM A CHANGE MANAGEMENT MINDSET

#### LEVEL 1

Session 1: Education is changing - so what?  
Session 2: Making myself adapt-able to change  
Session 3: The mindset change model for digital education implementation

#### LEVEL 2

Session 1: The role of the change facilitation team  
Session 2: Working with the stakeholders - dealing with change  
Session 3: Working with the stakeholders - skills assessment and planning

#### LEVEL 3

Session 1: Developing the implementation plan  
Session 2: Implementing the implementation plan  
Session 3: Making change stick



### TEACHING FOR THE FOURTH INDUSTRIAL REVOLUTION

Session 1: Getting to the Fourth Industrial Revolution  
Session 2: Augmented Reality (AR)  
Session 3: Virtual Reality (VR)  
Session 4: Big Data  
Session 5: Artificial Intelligence (AI)  
Session 6: Coding  
Session 7: Robotics  
Session 8: Genready for the 4IR  
Session 9: Other 4IR Technologies and Applications



Towards Excellence in Education

5 points per 2 hour session  
10 points per 6 hour session

Provider No. PR000008139



### ANDROID COURSES

#### KNOW AND USE YOUR ANDROID TABLET DEVICE

Session 1: All about Android tablet devices  
Session 2: Making contact with the world  
Session 3: My Android tablet device is mine!  
Session 4: There's an Android app for that  
Session 5: Finding it on the internet  
Session 6: Making the Android tablet device work for you - files  
Session 7: Making the Android tablet device work for you - calendars and data management  
Session 8: Making the Android tablet device work for you - eBooks and eReaders  
Session 9: Taking the Android tablet to school

#### SOCIAL MEDIA ON ANDROID TABLET DEVICES

Session 1: Introducing social media  
Session 2: Creating your social media accounts  
Session 3: Social media in the classroom - Useful or just fun?  
Session 4: Don't forget the other social media  
Session 5: Facebook in the classroom  
Session 6: Twitter in the classroom  
Session 7: A look at YouTube  
Session 8: YouTube in the classroom  
Session 9: Blogging in the classroom

#### GOOGLE AND GOOGLE APPS ON ANDROID TABLET DEVICES

Session 1: The Google Apps package and Google Drive  
Session 2: Google Docs  
Session 3: Google Calendar and Google Slides  
Session 4: Google Hangouts  
Session 5: Creating my own teaching and learning content  
Session 6: Google Apps that will open a new world to your learners  
Session 7: Streamline your class with Google Forms  
Session 8: Google Sheets  
Session 9: New course coming!

#### DIGITAL LEARNING IN SCHOOLS FOR ANDROID USERS

Session 1: Why eLearning?  
Session 2: Getting technical  
Session 3: Management and usage of ICTs in schools  
Session 4: Content for tablet devices  
Session 5: Apps for teachers for demonstrations and content creation  
Session 6: Online assessment tools  
Session 7: Learning management systems  
Session 8: Games teach too  
Session 9: The gamification of education



### WINDOWS COURSES

#### KNOW AND USE YOUR WINDOWS TABLET DEVICE

Session 1: All about Windows tablet devices  
Session 2: Making contact with the world with my Windows tablet device  
Session 3: My Windows tablet device is mine!  
Session 4: There's a Windows app for that  
Session 5: Finding it on the internet  
Session 6: Making the Windows tablet device work for you - files  
Session 7: Making the Windows tablet device work for you - calendars and data management  
Session 8: Making the Windows tablet device work for you - eBooks and eReaders  
Session 9: Taking the Windows tablet device to school

#### SOCIAL MEDIA ON WINDOWS TABLET DEVICES

Session 1: Introducing social media  
Session 2: Creating your social media accounts  
Session 3: Social media in the classroom - Useful or just fun?  
Session 4: Don't forget the other social media  
Session 5: Facebook in the classroom  
Session 6: Twitter in the classroom  
Session 7: A look at YouTube  
Session 8: YouTube in the classroom  
Session 9: Blogging in the classroom

#### MICROSOFT FOR WINDOWS TABLET DEVICES

Session 1: Introducing Microsoft Office 365 education and OneDrive  
Session 2: Microsoft Word and Microsoft Outlook  
Session 3: Microsoft Powerpoint  
Session 4: Microsoft OneNote  
Session 5: Skype and Yammer  
Session 6: Microsoft Forms and online assessment apps  
Session 7: Office mix and blended learning  
Session 8: Microsoft Excel  
Session 9: Office sway and the Microsoft educator community

#### DIGITAL LEARNING IN SCHOOLS FOR WINDOWS USERS

Session 1: Why eLearning?  
Session 2: Getting technical  
Session 3: Management and usage of ICTs in schools  
Session 4: Content for Windows tablet devices  
Session 5: Apps for teachers for demonstrations and content creation  
Session 6: Online assessment tools  
Session 7: Learning management systems  
Session 8: Games teach too  
Session 9: The gamification of education



### USING YOUR LAPTOP TO MAKE A REAL DIFFERENCE IN YOUR TEACHING

Session 1: Your first laptop  
Session 2: Producing written documents (using Microsoft Word) Part 1  
Session 3: Producing written documents (using Microsoft Word) Part 2  
Session 4: Producing written documents (using Microsoft Word) Part 3  
Session 5: Processing numerical data (using Microsoft Excel) Part 1  
Session 6: Processing numerical data (using Microsoft Excel) Part 2  
Session 7: Preparing presentations (using Microsoft PowerPoint)  
Session 8: Keeping things together (using Microsoft OneNote)  
Session 9: Managing files  
Session 10: Connecting with the world  
Session 11: Using a display device with your laptop  
Session 12: Making it work with JUST ONE LAPTOP



### TEACHING ONLINE

Session 1: Foundations of online teaching  
Session 2: Teaching synchronously  
Session 3: Teaching asynchronously  
Session 4: Using Microsoft Teams to communicate your message  
Session 5: Teaching synchronously with Microsoft Teams  
Session 6: Teaching effectively in a hybrid classroom



### STUDENT WELLNESS

Course 1: A mindset for success  
Course 2: Stress and me  
Course 3: Stress, me and others

Please note that this course has been designed for students and not for teachers.



### basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

In partnership with the Department of Basic Education.