

Esri South Africa has various options available to meet the individual requirements of Geography teachers within South African schools.

**THE PACKAGES AVAILABLE ARE:**

- ❖ Esri South Africa's locally developed FundaLula
- ❖ The ArcGIS for Schools Bundle

The choice of package will depend on a schools' access to the internet and how advanced teachers are in teaching GIS.

## Esri South Africa Schools Program

**FundaLula.**  
MAPWORK WITH GIS

FundaLula has been designed and produced to meet all requirements identified in the Mapwork and Geographic Information System section of the Geography Curriculum Assessment Policy Statement for grades 10-12.

**The product is all inclusive and contains:**

- ❖ Teacher and learner notes
- ❖ PowerPoint lessons
- ❖ Activities
- ❖ And all the data needed for each lesson

The product works offline and numerous activities can easily be converted to paper based activities for schools that have at least one computer.

The ArcGIS for Schools Bundle is designed to provide schools with an affordable way to access commercial off the shelf software that has the complete suite of functionality to address all GIS functions such as data capturing, data collection, data editing, data storage, data manipulation, data analysis, data management and data publishing.

The products available as part of the ArcGIS for Schools Bundle consist of:

- ❶ the online option, ArcGIS Online and/or
- ❷ the desktop option, ArcMap/ArcGIS Pro

The ArcGIS Online option is the easier to master but requires continuous access to the internet whilst the desktop ArcMap or ArcGIS Pro software can operate off-line.

Presently, Esri South Africa has not developed any pre-designed lessons for the ArcGIS for Schools bundle and it remains the responsibility of the teacher to design lessons/material and to collect the data to meet the guidelines outlined in the Geography Curriculum Assessment Policy Statement. Many on-line resources via the e-learning portal are however available to allow teachers to upskill themselves.

The table below summarises the options available to schools:

FundaLula	ArcGIS Online	ArcMap/ArcGIS Pro
Desktop - No internet required	Must have Internet access	Desktop - internet not necessary, but recommended to search and find data
Lessons and activities included	Lessons and activities in development	Lessons and activities to be designed by the teacher
Data included	Data might be available online and can be uploaded, but it is for the teachers own responsibility	Obtaining data is for the teachers own responsibility
Contact training available from Esri South Africa (3 days for 2 teachers), SACE registered for 15 CPTD points	Unlimited access to Esri online training (distance only)	Unlimited access to Esri online training (distance only)
R6 000 (includes training and software)	Free (Comes with a bulk of online credits, but once initial credits are depleted, additional credits must be bought by the school)	Free

\*SACE: South African Council for Educators

\*CPTD: Continuing Professional Teacher Development