

Digital Confidence

The Computer Skills for Africa (CS4A) School Curriculum is developed for teachers who want to use outcomes based, learner centred, project and goal-oriented activities while teaching digital skills. It is very much alive, and we improve and expand on it all the time as things in education and technology change rapidly.

The Curriculum is progressive and very structured. Over 600 digital skills are introduced, practiced and assessed. It is researched properly, fully tested, fun and challenging on different levels of complexity to accommodate a wide variety of learners' abilities.

The **Comprehensive School Curriculum** covers many digital skills like windows, word processing, spreadsheets, presentations, graphics, etc. It also includes over 100 Coding and Robotics (C&R) activities for Grade 1 – 9, aligned with the Department of Education's Curriculum and Assessment Policy Statement (Caps) For Coding and Robotics.

You will see the children enjoying the lessons and taking to coding like fish to water. It benefits them of course in the job world later - the parents are aware that their kids need to learn this so they will also be on board, they want their children to be employable.

You will see an unexpected result, you will get such a positive reaction to your coding and robotics lessons!

There are 3 elements: 8 Teachers Guides, disk, and login details.



Coding and Robotics

We have selected block-based coding software Scratch for Grades 1-3 and mBlock for Grades 4-9.

mBlock allows us to hook up a device and we use the Cytron Pikabot robot as an example. This comes in kit-form, making it even more affordable.

Note that CS4A does not supply robots, the market is very volatile, with availability and prices changing all the time.



Support

Teachers can learn along with the learners as they prepare the lessons because all steps are clearly explained in the Teachers' Guides and Workbooks. These printed books explain how to use the applications and contain instructions for the activities with clear explanations and screenshots. There is a FAQ section on our website.

Telephonic and email support is free and unlimited, and teachers are encouraged to table their comments.

Content

As skills are never taught for the sake of the skills alone, but rather in some relevant context, all our activities include content from any of the learning subjects: Literacy, Numeracy, Life Skills, Language, Mathematics, Natural Science and Technology, Social Science, Arts and Culture, Life Orientation, and Economic Management Science.

The activities are aligned with the Curriculum Assessment Policy Statements (CAPS) of the Department of Education.

A Computer Curriculum might not generally be associated with moral values, but we believe that whenever education takes place, values ought to be instilled as well. These were at the back of our mind when creating activities:

- Cultural and religious respect
- Global awareness
- Taking care of earth
- Economic sustainability

Agreement

The purchaser will sign a Single Site Licence Agreement (SSLA) that also protects the material from any unauthorised use. All courseware is on loan to the school for the duration of the licence and needs to be uninstalled and destroyed afterwards.

See <http://www.cs4a.co.za/Curriculum/single-site-licence/> for the latest version of the SSLA. The licence is valid for 1 year.

Suitable for all schools

- Coding software included in the price.
- Kids can use it at home.
- Modern and up to date program as required by DoE.
- Site licence for the whole school.
- Affordable on initial purchase, upgrades at 20% discount. Renewal options available at half the price.
- Activities take between 10 and 50 minutes.
- There are about 15 activities per quarter per grade.
- If preferred, each teacher can take their own class, no need for a specialist IT teacher.
- It gives on the job training and teachers' IT skills and general knowledge is vastly improved.
- Highly flexible as teachers can change the order easily and decide on integration with different subjects. E.g. mathematics related activities might get preference, or volcanoes might be the theme for the month.
- Includes completed examples for all activities.
- Includes skills lists and learning plans.
- Includes assessments, solutions and assessment admin templates.
- Suitable for home-schooling or self-study.

Minimum Software Needed to Run the School Curriculum

- Windows 10
- Microsoft 365

Prices and discounts

	Licence Fee	
Comprehensive School Curriculum		
Per Grade for 1 year	R 1050	1 Teachers' Guide per grade included plus online log in details
Package Grade R – 7 for 1 year	R 7488	1 Teachers' Guide per grade included plus online log in details
Per module for 1 year Grade 8 – 12	R 1050	Workbooks not included
Workbooks for Modules (sliding scale)	R 253 – R 380	

- 20% for upgrade from the second year onwards
- 50% for renewal from the second year onwards

Send your completed Order Form to greta@cs4a.co.za. When you receive your invoice, please make payment by EFT.

Learning Plan

Grade R	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8 - 12
Fundamentals	Fundamentals	Fundamentals	Fundamentals	Fundamentals	Fundamentals	Fundamentals	Fundamentals	Word-processing
Computer Essentials	Computer Essentials	Computer Essentials	Computer Essentials	Computer Essentials	Computer Essentials	Computer Essentials	Computer Essentials	Presentations
Graphics	Graphics	Graphics	Graphics	Graphics	Graphics	Graphics	Graphics	Spreadsheets
	Word-processing	Word-processing	Word-processing	Word-processing	Word-processing	Word-processing	Word-processing	Online Essentials
	Presentations	Presentations	Presentations	Presentations	Presentations	Presentations	Presentations	Computer Essentials
	Spreadsheets	Spreadsheets	Spreadsheets	Spreadsheets	Spreadsheets	Spreadsheets	Spreadsheets	
	Coding & Robotics	Coding & Robotics	Online Essentials	Online Essentials	Online Essentials	Online Essentials	Online Essentials	
			Coding & Robotics	Coding & Robotics	Coding & Robotics	Coding & Robotics	Coding & Robotics	