

“Everybody should learn how to program a computer... because it teaches you how to think.”

Steve Jobs

Think Ahead CodeSpace - bringing coding skills to teachers and students in schools across South Africa.

When it comes to preparing your students for the future, there are few better ways to do so than to help them learn to code.

Coding helps students develop academic skills, build perseverance, and gain valuable 21st century skills that can even translate into a career.

Think Ahead’s CodeSpace offers programmes that empower you to learn, write and teach code.

CodeSpace has been designed to teach students computer programming and apply technology skills through creativity, critical thinking and problem-solving.

Think Ahead can train your teachers to facilitate the CodeSpace programme - or we can facilitate student workshops at your school or at our FutureSpace premises.

FutureSpace is Think Ahead’s classroom of the future where our facilitators will present the session.



LET'S GET CODING:

CodeSpace offers a continuum of curricula from beginner to advanced coding skills. From pre-school upwards.

Chat to us about what suits your school's needs, levels, timetable and resources. Programmes include:

Hour of Code: an introduction to coding for all. Hour of Code is a global movement. A one-hour introduction to computer science, designed to show that anybody can learn the basics of code.

Get started with Code: Learn to Code 1: Let's get your students to begin to think like coders with hands on exploration of coding concepts, using visual based apps. Students will develop a set of coding skills to build up their basic programming vocabulary. Their coding journey begins with simple commands, functions, and loops.

Learn to Code 2: Students will journey beyond simply solving puzzles and create worlds of their own. They'll learn about variables and types, the coding constructs that allow them to store and access information. These new skills, along with initialisation and parameters, will give them even more ways to use code.

App development with Swift: Learn coding concepts using real Swift code. Start thinking like an app developer. Get practical experience with the tools, techniques and concepts needed to build a basic iOS app.

Robotics workshops using Sphero & Jimu: What better way to visualise your code than doing it with robots? Students will get a basic understanding of robotics and how code controls the robots in our everyday life.

Take your students on a coding field trip: Plan a field trip to Think Ahead's FutureSpace. Students will learn the fundamentals of coding, get hands-on with robots, and solve problems collaboratively.

All CodeSpace programmes can be offered as:

- extra mural activities at your school
- holiday camps at your school
- integrated into your timetable as "computer science"
- or teachers can be trained to deliver the courses (SACE endorsed)

Whether your students are first-time coders or aspiring app developers, chat to us and bring coding to your school.

Contact codespace@thinkahead.co.za