ROBOTHINK

Build, Code & Play with AI Integrated Robots

Program Catalogue

ROBOTICS · CODING · AI

AGES 3–13

Crescent Learning LLC · RoboThink Houston

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Approved Katy ISD After-School Program Provider · 2026-2027

BEFORE WE GET STARTED

RoboThink. Worldwide.

35+
COUNTRIES

200K+
STUDENTS

NGSS
STANDARDS

Why RoboThink Stands Apart

Proprietary kits
Patented hardware designed & manufactured in-house - unique to RoboThink franchisees worldwide

NGSS-aligned curriculum
Programs meet US Next Generation Science Standards, mapped to school benchmarks

Continuous R&D
20+ engineers at HQ developing new themes, kits and software year-round

Now in Houston - Crescent Learning LLC
Bringing the global RoboThink program to families and schools across Greater Houston.

PROGRAM INTRODUCTION

Robotics

RoboThink Robotics Kit is a proprietary robotics hardware platform for young kids.

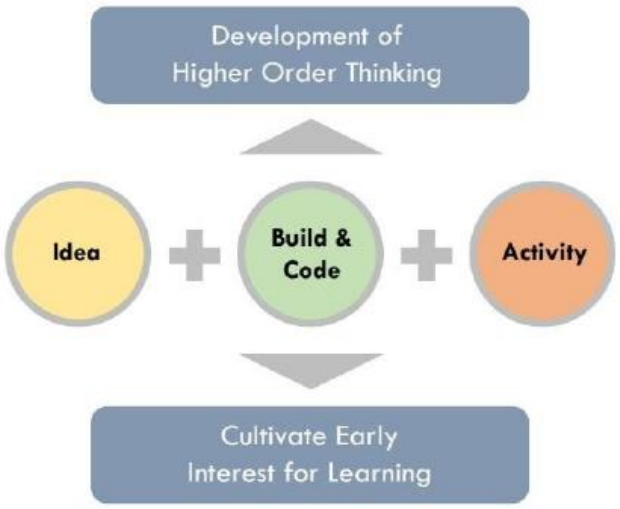
Our curriculum is a skill based learning program that introduces concepts through project based lessons.

1. ***Blocks***
   Introduction to RoboThink blocks and building basic block based models. 16 Lessons.
2. ***Gears & DC Motor***
   Introduction to various gears and axles as well as the DC Motor. Study of transforming and transferring motion. 11 Lessons.
3. ***Mainboard & Wired Remote***
   Introduction to intermediate level electronics. Study of robots that move and are controllable. 22 Lessons.
4. ***Sensors***
   Introduction to various types of sensors. Study of autonomous robots and understanding sensor electronics. 10 Lessons.
5. ***Wireless Remote & Servo Motor***
   Introduction to advanced electronics. Study of using high precision parts and application of all parts to build advanced designs. 6 Lessons.

PROGRAM INTRODUCTION

Robotics (continued)

We encourage exploratory and self-discovery learning. The positive feed-back loop also helps develop self-confidence.



Academic Benefits

Our patented robotics building system allows kids to build robots of different shapes, sizes & functions easily!

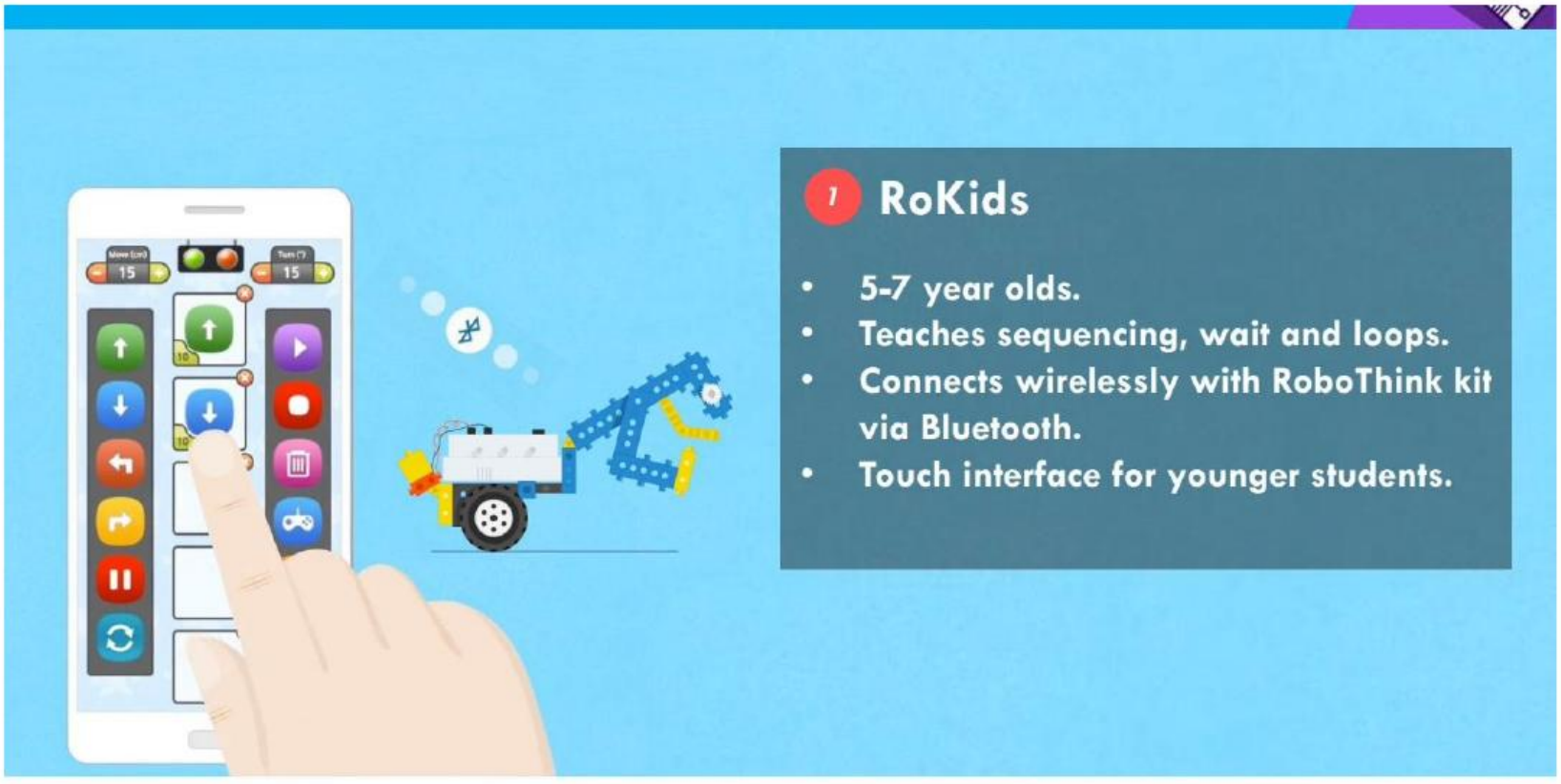
Our lesson plans are designed to promote development of critical thinking, spatial sense and problem solving.

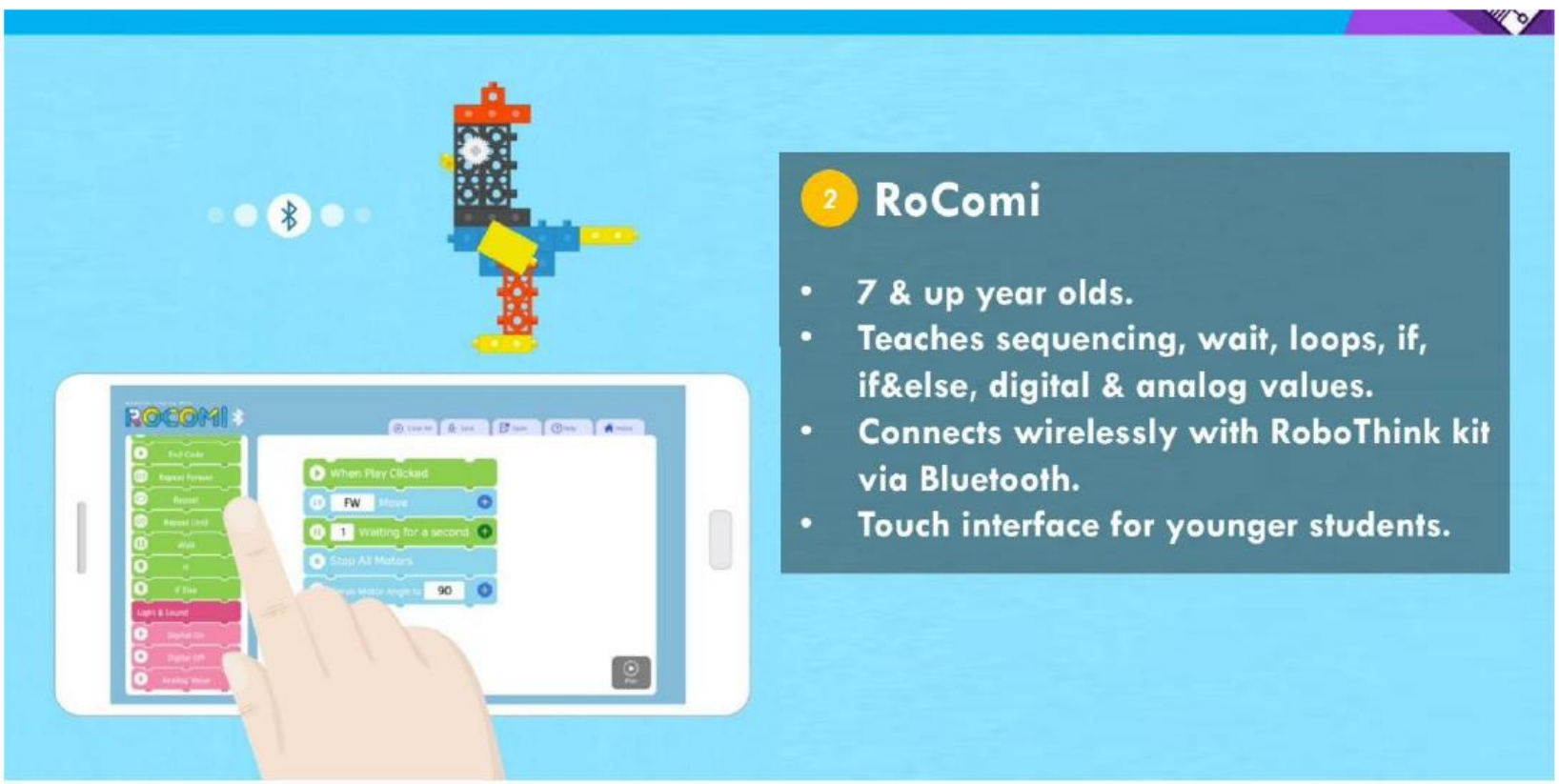
Our fun and educational models pique and foster interest for STEM in a hands-on way.

As students assemble and build, they gain real life experience into how electronics and mechanics work in robotics.

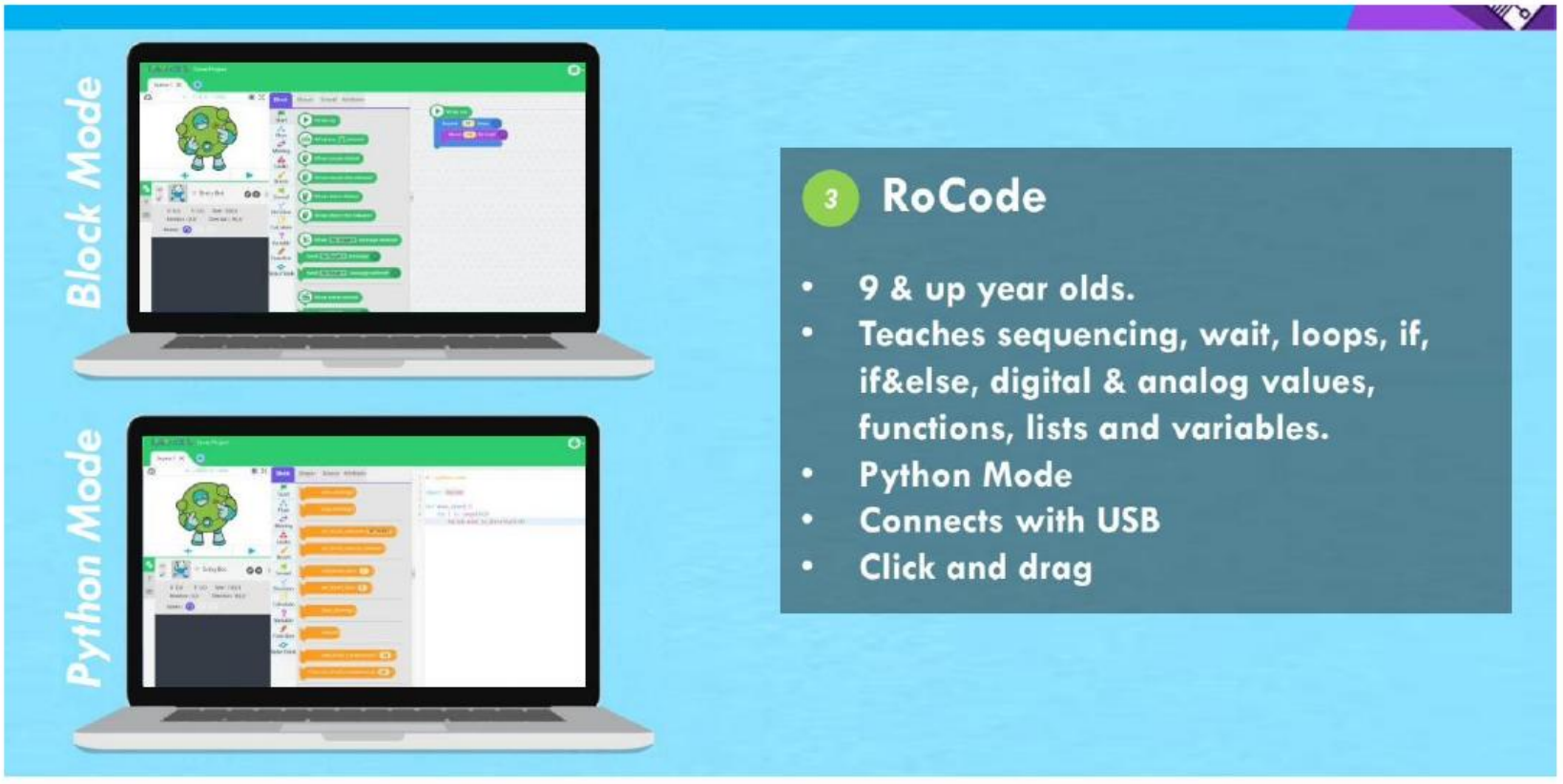
PROGRAM INTRODUCTION

Coding

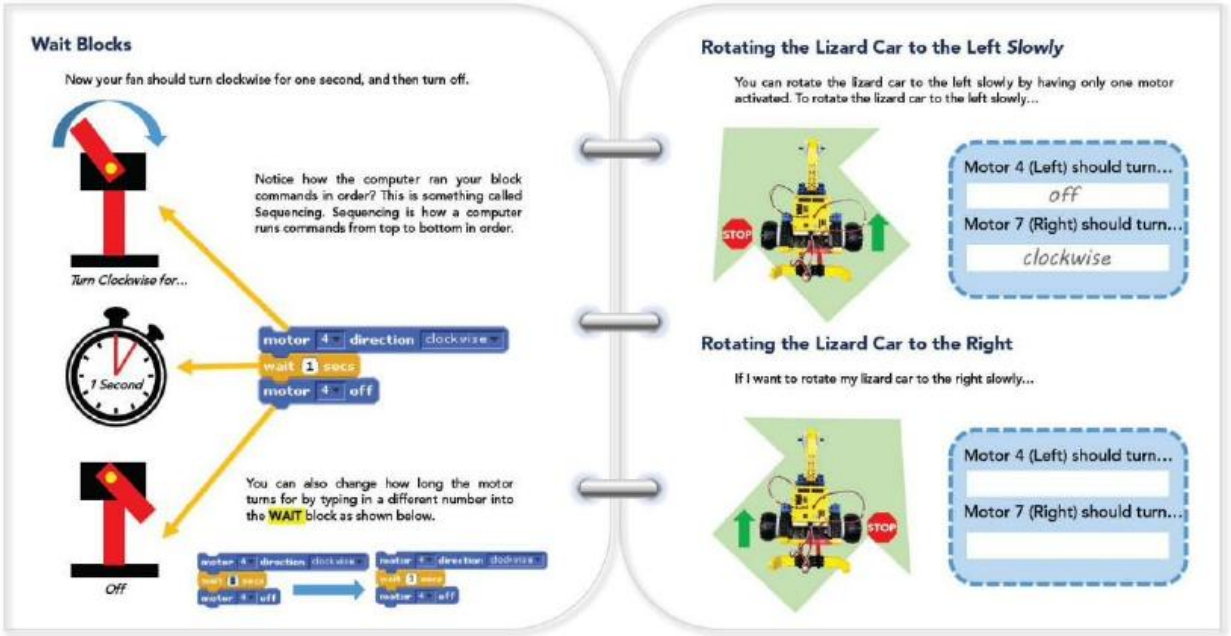




Coding (continued)



Lesson Plan Examples

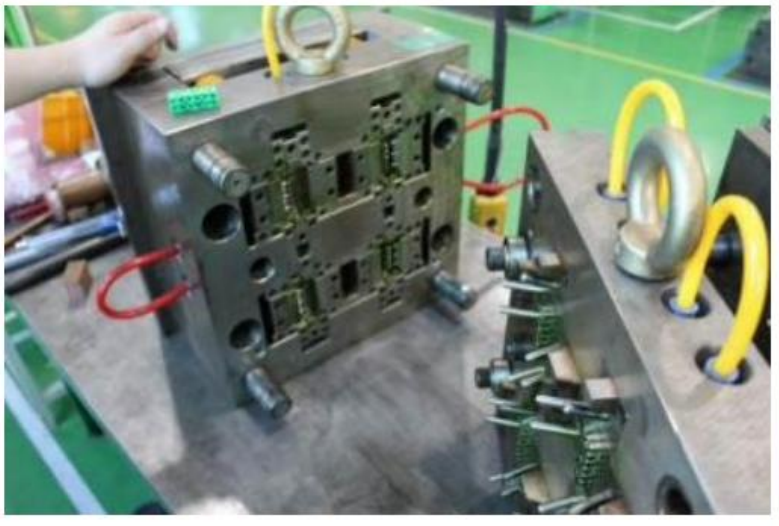


PROGRAM INTRODUCTION

Commitment to Research & Development

Over 20 product and software engineers at RoboThink's R&D facility are researching and developing new STEM products and solutions - year-round.

RoboThink Manufacturing & R&D Facility



New themes, new kits, new software - every single year

Designed, engineered and manufactured in-house by RoboThink

QUICK ANSWERS

Frequently Asked Questions

- **Who are RoboThink programs for?**

  Boys and girls ages 3-13, across robotics, coding and AI Thinklab. On school campuses we serve Pre-K through 6th grade. No prior experience required - programs adapt to each student.

- **How are programs structured?**

  Each program is custom-designed for the host school, community or family - theme, pace, session length and schedule tailored to your group, running as themed multi-week arcs.

- **What does a typical class look like?**

  Typically 1.5 hours: the first hour is hands-on building from the day's lesson; the last 30 minutes is open play - kids modify their robot, add their own twist, and compete with classmates.

- **What does my child actually do?**

  Build a real robot with our proprietary kit, then learn to code it. Every lesson combines hands-on engineering, real science context and creative challenges, with rotating themes.

- **How much does it cost? Where do I register?**

  Visit myrobothink.com/swhouston for current pricing, schedules and online registration. Pricing varies by program type, length and group setup.

- **Do we need to bring anything?**

  No. We provide everything - robotics kits, the tablets and laptops used for coding, instruction materials and a trained instructor. Just bring your kid.

- **Where are classes held?**

  On-site at schools, community centers, master-planned communities and partner facilities across Greater Houston. Schedule and location are set with the host.

- **Aligned with school standards?**

  Yes. RoboThink's curriculum is aligned to NGSS - the US national framework for K-12 science education - and mapped to Texas TEKS.

- **Join mid-session or make up a class?**

  No - every session builds on the one before, so students start from day 1. Missed the start? Reach out and we'll set you up for the next session.

- **Schools, events, or private groups?**

  All three: after-school enrichment and curriculum partnerships with schools, family STEM events with communities, and themed birthday or small-cohort programs.

Pricing, schedules & registration: myrobothink.com/swhouston

Or scan the code on the back page

Ready to start building?

Let's talk.

Schools, communities, and families —
we'd love to bring RoboThink to you.

SCAN TO REGISTER

(281) 831-0183

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Crescent Learning LLC is the Houston-area franchisee of RoboThink
a global STEM education brand

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