

Product information

SMART Coding Kits by SAM Labs

SMART Coding Kits by SAM Labs let teachers bring a world of coding and STEAM into the classroom. With lesson plans covering a range of subjects, the kits make it easy for teachers to simplify problem solving through computational thinking. Packed with a variety of hardware and software, SMART Coding Kits by SAM Labs provide everything teachers need to impact learning.

SMART offers two different coding kits: the SMART Classroom kit and the SMART STEAM kit:

SMART Classroom kit



The complete solution for a full classroom, supporting 30 students at a time. The Classroom Kit is perfect for splitting a class into groups to complete the same project. Supports 30 students at a time.

SMART STEAM kit



Great for small groups, maker spaces and coding clubs, the STEAM Kit supports 4-6 students at a time and contains bonus blocks to design an endless variety of projects.

Weights and dimensions

	SMART Classroom kit	SMART STEAM kit
Weight	9.9 lb. (4.5 kg)	3.3 lb. (1.5 kg)
Length	13.8" (35 cm)	16.5" (42 cm)
Width	17.3" (44 cm)	12.6" (32 cm)
Height	6.3" (16 cm)	3.1" (8 cm)

Included the kit

The following pieces are included in the SMART Coding Kits by SAM Labs:

Item	SMART Classroom kit	SMART STEAM kit
DC motor	20	4
Button	10	2
RGB light	10	2
Light sensor	-	2
Proximity sensor	-	2
Tilt sensor	-	2
Slider	-	2
Wheel	20	4
SAM Cal chassis	10	2
Roller ball	10	2
SAM controller	10	2
LEGO gear attachment	10	6
Large LEGO holder	20	4
Small LEGO holder	20	10
Multi micro USB charging cable	8	3

Supported apps

	SMART Classroom kit	SMART STEAM kit
SAM Space app	Y	Y
SAM Blockly web app	Y	Y
Curious Cars app	Y*	Y

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*Some activities in the Curious Cars apps require additional SAM Blocks not found in the Classroom Kit.