
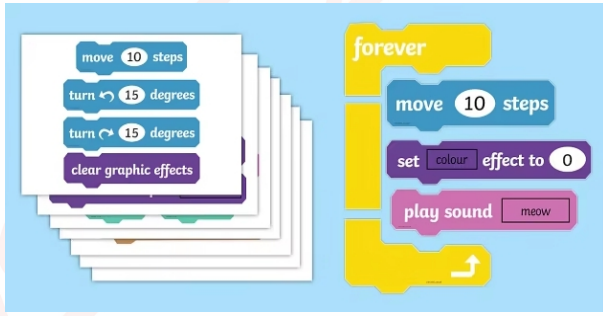
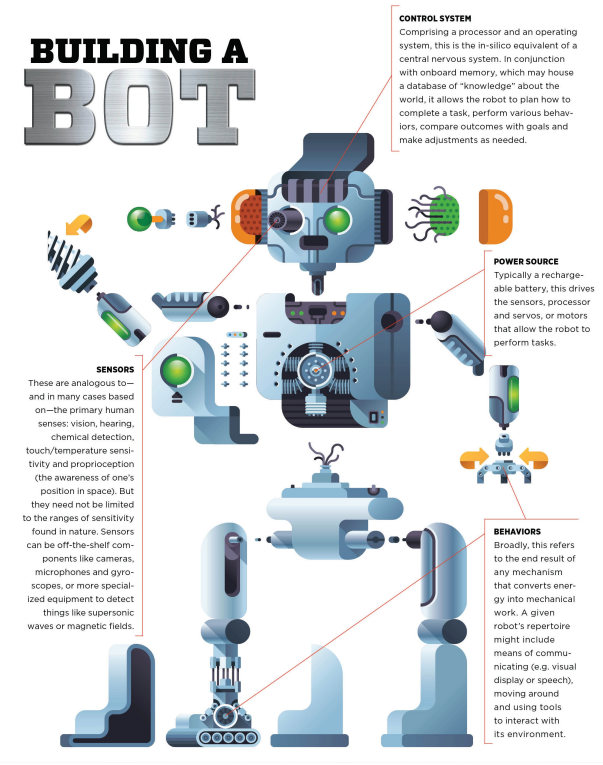


SN	Order Code	Item Description	Image
7	23246930.7	Chart: Scratch blocks definitions A1 Size, Laminated both sides on 250gsm paper (7 charts per set) (Set)	
8	23246930.8	Chart: Scratch blocks definitions A3 Size, Laminated both sides on a 250gsm paper (7 charts Per set) for learner's activity (Set)	
9	23246930.9	Chart: Robot assembly Size A1, laminated both sides on 250gsm paper	 <p>BUILDING A BOT</p> <p>CONTROL SYSTEM Comprising a processor and an operating system, this is the in-silico equivalent of a central nervous system. In conjunction with onboard memory, which may house a database of "knowledge" about the world, it allows the robot to plan how to complete a task, perform various behaviors, compare outcomes with goals and make adjustments as needed.</p> <p>POWER SOURCE Typically a rechargeable battery, this drives the sensors, processor and servos, or motors that allow the robot to perform tasks.</p> <p>SENSORS These are analogous to—and in many cases based on—the primary human senses: vision, hearing, chemical detection, touch/temperature sensitivity and proprioception (the awareness of one's position in space). But they need not be limited to the ranges of sensitivity found in nature. Sensors can be off-the-shelf components like cameras, microphones and gyroscopes, or more specialized equipment to detect things like supersonic waves or magnetic fields.</p> <p>BEHAVIORS Broadly, this refers to the end result of any mechanism that converts energy into mechanical work. A given robot's repertoire might include means of communicating (e.g. visual display or speech), moving around and using tools to interact with its environment.</p>

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



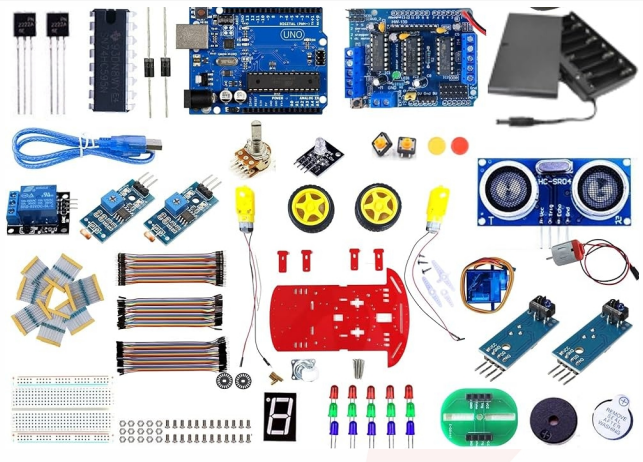
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IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

10	23246930.10	Chart: Input & Output Devices A1 Size, laminated both sides on a 250gsm paper	
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