

# Educational Robot Market to hit US\$ 3,327.74 Million, Globally, by 2028 at 20.2% CAGR: The Insight Partners

*Increasing Demand for Robots for Learning Languages to Provide Growth Opportunities for Educational Robot Market Players*

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-- A report recently released by The Insight Partners titled "[Educational Robot Market](#) to 2028 – COVID-19 Impact and Global Analysis" projects a significant increase in the global educational robot market. The report forecasts that the market will grow from its 2021 value of US\$ 919.71 million to US\$ 3,327.74 million by 2028. This growth is estimated to occur at a CAGR of 20.2% between 2021 and 2028.



Report Coverage - Educational Robot Market

Report Coverage Details

Market Size Value in US\$ 919.71 Million in 2021

Market Size Value by US\$ 3,327.74 Million by 2028

Growth rate CAGR of 20.2% from 2021-2028

Forecast Period 2021-2028

Base Year 2021

No. of Pages 160

No. of Tables 63

No. of Charts & Figures 76

Historical data available Yes

Segments Covered Type and Application

Regional scope North America, Europe, Asia Pacific, Middle East & Africa, South & Central America

Country scope US, Canada, Mexico, UK, Germany, Spain, Italy, France, India, China, Japan, South Korea, Australia, UAE, Saudi Arabia, South Africa, Brazil, Argentina

Report Coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

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Educational robots are specially developed for academic applications. They can assist in teaching disciplines such as science, technology, engineering, mathematics, programming, languages, history, and geography. Humanoid and non-humanoid are the two main types of education robots, and more than 20 languages can be integrated in these robots. These robots assist educators in teaching as well as help enhance content delivery. In addition to these abilities, education robots enable educators to create an enhanced interactive education session, which is propelling their adoption and bolstering the education robot market growth. Moreover, the use of educational robots for teaching languages is another factor bolstering market growth. However, high CAPEX requirements are hampering the educational robots market growth. Meanwhile, increasing the adoption of social robots by therapists for developing social skills among children with autism is further fueling the growth of the market. The COVID-19 outbreak has marginally impacted the growth of the educational robot market.

Educational institutions worldwide are working to enhance teaching methods in STEM subjects, and educational robots are proving to be valuable tools in achieving this goal. With their high computing power, these robots offer effective ways to deliver STEM lessons to students. They enable learners to grasp concepts naturally and develop computational thinking skills. Furthermore, DIY kits are emerging as a game-changer in the educational robot market. These kits are designed to aid in programming and design and help develop problem-solving skills among STEM students.

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#### Key Findings of Study:

North America held the largest share of the education robot market in 2020, followed by APAC and Europe. The presence of digital robot infrastructure, coupled with a strong inclination toward the adoption of advanced technologies, is one of the prime factors contributing to the growth of the education robot market in North America. Also, the region is known for the presence of well-known institutions that are strongly funded by technology education and research. Moreover, the education sector in North America is incorporating interactive digital technologies at various education levels.

The education technology industry has been flourishing at an impressive pace across the world due to the high demand for these technologies as well as growing investments and funding in start-ups. However, the shuttering of schools in major economies in the wake of the COVID-19 pandemic has compelled a large number of schools and universities to adopt distance learning through virtual classrooms as well as online exams and assessment tools, which negatively impacts the educational robot market growth. Moreover, the sudden shutdown of all economic activities across all major regions has impacted the manufacturing of educational robots as well as disrupted the supply chain of the robotics industry.

## The List of Companies - Educational Robot Market

Aisoy Robotics; Hanson Robotics Limited; Modular Robotics; PAL Robotics; Probotics America; Sanbot Innovation Technology., Ltd; Life & Science, Inc.; Robotis Co., Ltd.; SoftBank Robotics Group Corp.; and Lego System A/S are among the major companies operating in the educational robot market.

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Significant strategies implemented by key education robot market players include product developments and launches. In 2020, Modular Robotics launched Cubelets Console, a software that allows users to program the cubelets by replacing C programming apps and Blockly. Moreover, in 2019, Hanson Robotics introduced Little Sophia, a tutorial companion indulged in teaching STEM, Artificial Intelligence (AI), and coding to kids, in a playful manner.

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