

## O. P. Jindal School, Raigarh (C.G.)

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## **STEAM Education**

School pedagogy concentrates on the core subjects with a multi-disciplinary approach meticulously integrating the areas of Science, Technology, Engineering, Arts and Mathematics with equal share of language development. A structured and guided approach of inquiry is incorporated to drive learning through mini-workshops and small group teaching. Learners are supported through inductive and deductive approaches promoting to gather data, question and test theories, forming generalisations or 'big ideas' of their learning. A cohesive ecosystem is created that gives an understanding of concepts and encourages knowledge application.

Teaching and learning in assimilation with an independent focus given to each of these subjects encourage involvement and imagination and help them learn how each field is linked and connected in the real world. STEAM education enables students to make relevant connections across subject areas as they research, innovate, and invent concepts. It provides a whole range of experience and competence that makes students critical & divergent thinkers which enhances chances of employability and prepare entrepreneurial global citizens ready to offer ideas, sustainable solutions and build systems and technologies that will make an impact in society.

