Strands

3D Printing

AI & ML

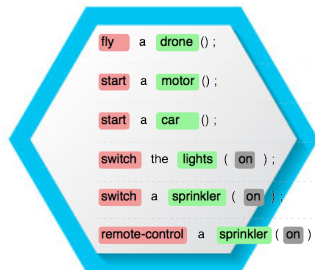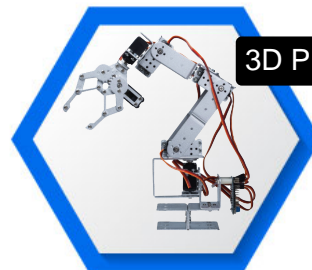### Pattern Recognition

Learning to identify abstract and geometric patterns as an integral part of the Design and Computational Thinking process
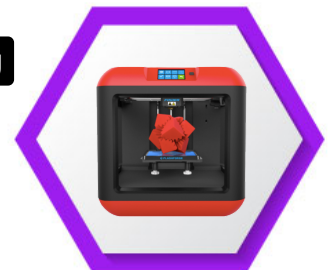
Algorithms and Coding

Learning about fundamental programming principles and constructs to introduce learners to important computational skills

Robotics and IoT

Fundamentals of Mechanical and Electrical engineering systems and circuits that are used in Robotics
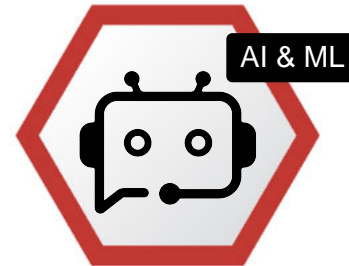
Digital Concepts

Fundamental ideas that underpin and support coding and robotics and performing interactive learning practicals
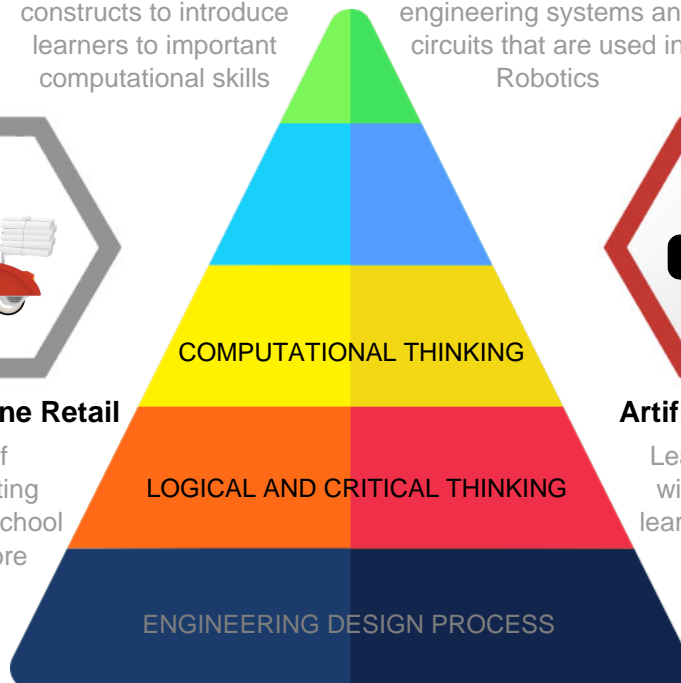
e-Commerce Online Retail

Fostering a culture of entrepreneurship by listing 3D-printed items on the school marketplace online store
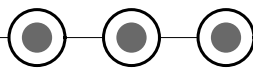
Artificial Intelligence

Learning how to interact with machines that can learn, reason, and act like humans

COMPUTATIONAL THINKING

LOGICAL AND CRITICAL THINKING

ENGINEERING DESIGN PROCESS

LAERSKOOL
AKASIA

Robotics for Kiddies

Coding and Robotics that guarantee the two E's

(Employability and Entrepreneurship)

Edition: 2nd Edition

4IR **AI**

Grade: R - 12

SDG #4

Insuring inclusive and equitable quality education and promoting lifelong

earning opportunities for all

CAPS
CURRICULUM & ASSESSMENT POLICY STATEMENT

(2025)   Eric M. Mulovhedzi