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CHAPTER 1	GYRO SENSOR AND ITS WORKING PRINCIPLES
	Explore the gyro sensor's role in robotics. Learn how to integrate gyro sensors into coding projects using hands-on activities.
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CHAPTER 2	EXPLORE FURTHER WITH THE GYRO SENSOR
	Delve into gyro sensors to make challenging coding projects.
CHAPTER 3	UNDERSTAND IR SENSOR & ITS WORKING
	Discover the infrared (IR) sensor and its practical applications in robotics. Dive into coding with MakeCode LEGO EV3 to implement IR sensor functionalities.
CHAPTER 4	UNDERSTAND LASER DISTANCE SENSOR AND GPS SENSOR
	 Delve into laser distance sensors and GPS technology, exploring how these sensors enhance robot navigation and spatial awareness.
CHAPTER 5	PROJECT-BASED LEARNING: AUTONOMOUS PARKING
	Embark on an exciting coding adventure centered around self-parking cars, integrating sensor technologies and advanced algorithms.
CHAPTER 6	OBJECT DETECTION WITH SPEED CONTROL
	Learn about object detection techniques and speed control mechanisms in robotics, applying these concepts to real-world scenarios.
CHAPTER 7	LINE FOLLOWER WITH OBSTACLE DETECTOR BOT
	Program a robot that follows a path marked for it and senses the obstacles to avoid it on its way.
CHAPTER 8	MAKE PROJECTS WITH MULTIPLE SENSORS
	Gain a comprehensive understanding by doing various projects using multiple sensors in GearsBot.

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CHAPTER 9	ARTIFICIAL INTELLIGENCE AND THE FUTURE OF INNOVATION In this chapter, students will revisit fundamental concepts of AI learned in previous grades, building a strong foundation for advanced topics covered later in the book.
CHAPTER 10	CATEGORIZATION OF ARTIFICIAL INTELLIGENCE Learn about different categories of artificial intelligence (AI) systems, from narrow AI to artificial superintelligence, and their implications.
CHAPTER 11	INTRODUCTION TO EMBEDDED SYSTEMS AND TECHNOLOGIES OF AI Discover embedded systems and AI tools that enable the development and deployment of intelligent systems in diverse applications.
CHAPTER 12	EXPLORE COMPUTER VISION Delve into the techniques and applications of enabling machines to interpret and understand visual data from the world.
CHAPTER 13	SMART CITIES SECURITY SYSTEM WITH IOT Learn how the integration technologies like, the Internet of Things enhance the infrastructure of urban environments.
CHAPTER 14	LEARN DATABASE IN A SMART HOME Understand the role of databases in enhancing the functionality and user experience.
CHAPTER 15	CODE TO DETECT EMOTIONS AND INTENSITY OF SMILE Design scripts using emotion detector and smile recognition blocks.