## BIRLA BRAINIACS HOMESCHOOLING





2023 – 24 GRADE 8

GRA	DE 8
TERM-1	TERM-2
Chapter 1: Log on to Access	Chapter 5: Excite
<ul> <li>Types of Databases</li> <li>Advantages of DBMS</li> <li>Components of MS Access 2016</li> <li>Starting MS Access 2016</li> <li>Creating a Database in MS Access</li> <li>Views of a Table</li> <li>Rules for Naming a Field</li> <li>Primary Key</li> <li>Editing Tables</li> <li>Sorting, Filtering, and Searching in a Database</li> <li>Closing Access 2016</li> <li>Opening a Saved Database</li> </ul>	<ul> <li>Introduction to Artificial Intelligence</li> <li>The Need for AI</li> <li>Types of Artificial Intelligence</li> <li>Fields Related to Artificial Intelligence</li> <li>Three Domains of Artificial Intelligence</li> <li>Benefits and Limitations of AI</li> </ul>
Chapter 2: Queries, Forms, and Reports in Access   Setting a Relationship Between Tables  Query  Creating a Query  Running and Saving a Query  Forms  Creating Forms Using Form Wizard  Reports  Creating a Report	<ul> <li>Chapter 6: Relate</li> <li>AI: Reshaping Everyday Life</li> <li>AI in Various Industries</li> <li>Tracing the History of Chatbots</li> <li>AI: Opportunities and Threats</li> <li>The Concept of Smart Living</li> <li>Smart Cities: A New Reality</li> <li>Systems</li> </ul>
Chapter 3: Introduction to Apps	Chapter 7: Purpose

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<ul> <li>What are Apps?</li> <li>Installing an App</li> <li>Commonly Known Apps</li> <li>Mobile Operating System</li> <li>Types of Apps</li> </ul>	<ul> <li>Sustainable Development Goals</li> <li>Three Dimensions of Sustainable Development</li> <li>Objectives of Sustainable Development Goals</li> <li>SDG Challenges and Solutions</li> <li>How AI can Help Achieve SDGs</li> </ul>
<ul> <li>Chapter 4: Developing an App</li> <li>Using Tools to Develop an App</li> <li>Design Window with Components</li> <li>Using MIT App Inventor to Develop an App</li> </ul>	<ul> <li>Chapter 8: Possibilities</li> <li>Advent of Artificial Intelligence</li> <li>AI: Transforming the Way We Live</li> <li>The Fast-Evolving Focus on AI Research</li> <li>Possibilities that Open up with AI</li> <li>Career Opportunities in AI</li> </ul>
	<ul> <li>Chapter 9: AI Ethics</li> <li>AI Ethics</li> <li>Teaching and Learning Strategy</li> <li>Raising Good</li> <li>Ethics Related to Robotics</li> <li>AI Policy</li> </ul>