



HTML

```
<button class="btn">  
  Click Me  
</button>
```

CSS

```
.btn {  
  background: #39b3ff;  
  color: #ffffff;  
  padding: 30px 20px;  
  border: none;  
  border-radius: 6px;  
  font-size: 16px;  
  cursor: pointer;  
}
```

OUR DIGI WORLD

ICT & CS Program

K-12 Program

OUR DIGI WORLD

Preparing The Next Generation of Digital Innovators

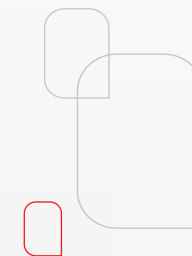
OBELAS Information and Communications Technology, Computer Science, and Artificial Intelligence Program

OUR DIGI WORLD prepares students from Kindergarten through Grade 12 to thrive in an increasingly digital world. More than a curriculum, it is a comprehensive learning ecosystem that seamlessly integrates digital literacy, coding, Artificial Intelligence (AI), computer science, and emerging technologies into a future-ready educational experience.

By combining globally recognized education standards with the needs of regional education systems, OUR DIGI WORLD equips learners with the knowledge, skills, and mindset to succeed in an ever-evolving technological landscape. Students not only master essential digital competencies but also grow into responsible, ethical, creative, and confident digital citizens, ready to solve real-world challenges through innovation and critical thinking.



Aligned with Global Education Standards



Computer Science
Teachers Association



STEM.ORG accredited



K-12 Computer
Science Framework



International Society
for Technology in
Education



AI4K12 Framework



UNESCO AI Competency
Framework for Students

From Digital Basics to AI Mastery, through 6 Core Domains

01

AI &
Data Science

02

ICT
Essentials

03

Animation &
Game Development

04

Data &
Digital Tools

05

Web
Development

06

Mobile
Application
Development

Learning extends beyond theory. Throughout every unit, students apply their knowledge through **authentic, project-based** experiences that transform ideas into meaningful solutions. From designing and coding mobile applications and websites to developing AI models and solving real-world problems, every project empowers learners to demonstrate creativity, technical expertise, collaboration, and problem-solving skills while building a portfolio of practical achievements.

Program Goals & Benefits

Equipping students
with skills that matter

→ Digital Literacy & Responsible Citizenship

Safe, ethical, and confident use of digital and AI technologies.

→ Alignment with International Standards

Curriculum built on globally recognized ICT, CS, and AI frameworks to ensure quality, relevance, and scalability.

→ Interactive & Student-Centered Digital Learning

Engaging, interactive digital content with real-time assessment, immediate feedback, and adaptive learning experiences.

→ Hands-On Tools Mastery

Experiential learning using industry-relevant tools, from productivity applications to programming languages, full-stack development, and AI platforms.

→ STEAM Relevance

Cross-disciplinary learning that integrates science, technology, engineering, arts, and mathematics.

→ Ethical Responsibility & Social Impact Awareness

Strong awareness of digital and AI ethics, privacy, and impact.

→ Progressive Skill Development

A structured learning progression from foundational digital skills to advanced programming, data science, and AI concepts.

→ Theory Meets Practice

Practical application of coding, computing concepts, and engineering design principles to authentic, real-life challenges.

→ Creativity, Innovation & Collaboration

Teamwork and innovation fostered through real-world project-based and problem-driven learning.

→ University & Career Readiness

Future-proof competencies, digital portfolios, and preparation for advanced academic and professional pathways.

What Makes Our Program Unique

Each key feature in OUR DIGI WORLD is an essential piece of its signature puzzle. Our program is designed to offer the best in digital education.



FUTURE READY CONTENT

- 21st Century Digital Skills
- Real-World Projects
- International Standards



GRADE AGNOSTIC

- Grade-Level Appropriate
- No Prior Knowledge Required
- Accessible Technical Content



RESEARCH-BASED INSTRUCTIONAL MODEL

- Project Based Learning
- Inquiry-Based Learning
- STEAM Connection



INTERACTIVE DIGITAL EXPERIENCE

- Innovative Interactive Content
- Direct Access to Tools & Hands-On Projects
- Interactive Assessments

Our Digi World Components

OUR DIGI WORLD is carefully structured by course and topic, with every learning experience tailored to the needs of each grade level. Designed for Levels K–12, the program adopts a digital-first approach, supported by a comprehensive suite of curriculum components that enrich teaching and learning.

- ▶ **Interactive Digital Student Book**
- ▶ **Printed Student Book**
- ▶ **Student Digital Resources**
- ▶ **Digital & Ready-to-Print Assessments**
- ▶ **Teacher Guide**
- ▶ **Digital Teacher Resources**

Teacher Resources

The digital platform offers a comprehensive set of Teacher Resources, including:

TEACHER GUIDE

STUDENT BOOK FILES

ARTIFICIAL INTELLIGENCE LAB

ANSWER FILES

PLANNING RESOURCES

- ✓ Course Progression
- ✓ Standards Alignment
- ✓ Lesson Plans
- ✓ Scope and Sequence
- ✓ Curriculum Maps
- ✓ DOK Tracker
- ✓ Lessons Presentations
- ✓ LO and BLOOMS

ASSESSMENTS

- ✓ Ready-to-Print & Digital Interactive
- ✓ Lessons Quizzes
- ✓ Unit Test
- ✓ Project-Based Assessment
- ✓ Student and Teacher Faced

PROJECT RESOURCES

- ✓ Project Rubrics
- ✓ Project Tracker

ADDITIONAL RESOURCES

- ✓ Apple Users- Equivalency
- ✓ Code Breaker
- ✓ Glossary
- ✓ Index

DIGITAL RESOURCES

- ✓ Digital Tools Guide
- ✓ Digital Interactivity Guide

Learning for a Digital World

AI Across OUR DIGI WORLD

Students across Levels K–12 explore Artificial Intelligence through age-appropriate units that progress from understanding AI to designing, building, and evaluating AI-powered solutions.

AI Labs Across Every Unit

Every unit includes a hands-on AI Lab where students apply AI tools, experiment with real-world scenarios, and build meaningful solutions.

→ Human-Centered & Ethical

Develops safe, responsible, and ethical AI users.

→ Hands-On Learning

Students design apps, chatbots, and AI models to solve authentic challenges.

→ Integrated with STEAM

Project-based learning that encourages creativity, innovation, and collaboration.

→ Globally Aligned

Built around leading international AI education frameworks, including UNESCO AI Competency Framework, AI4K12, and CSTA AI Standards.

→ Future-Ready Skills

Builds problem-solving, critical thinking, creativity, and AI literacy.

→ Create, Don't Just Consume

Students move beyond using AI tools to creating intelligent digital solutions.

Cybersecurity Across OUR DIGI WORLD

Students develop cybersecurity knowledge from Levels K–12, progressing from digital safety fundamentals to protecting systems, networks, and data through real-world applications.

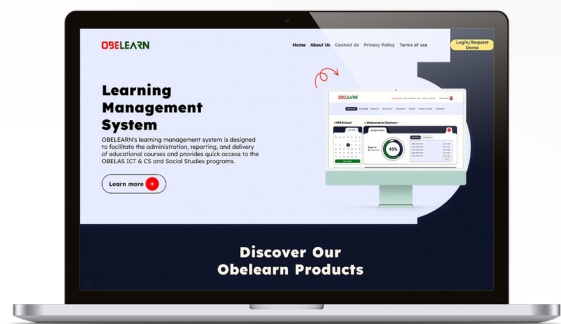
A Glimpse into our Cybersecurity Topics:

- Online Privacy
- Safe Internet Use
- Digital Footprints
- Passwords & Authentication
- Cyberbullying Awareness
- Network Security
- Information Security
- Encryption & Key Security
- Threat Detection
- Social Engineering
- Attack Prevention
- Ethical Computing & Cyber Law
- Data Protection
- Access Control & OS Security

Fully Integrated with the OBELAS Digital Ecosystem

OBELEARN[®]

OBELEARN seamlessly integrates with OUR DIGI WORLD, giving educators and students instant access to interactive lessons, digital resources, coding tools, and project-based learning all within one connected learning platform.

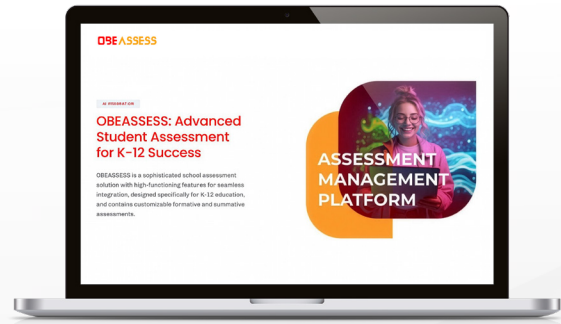


→ Featured:

-  Interactive multimedia content
-  Hands-on coding projects
-  Instant feedback and assessments
-  Student E-Portfolio
-  Step-by-step tutorial videos
-  Downloadable teaching & learning resources
-  Pop-up glossary and technical definitions

OBEASSESS

OBEASSESS enhances the OUR DIGI WORLD experience with intelligent digital assessments, AI-powered grading, and real-time performance insights, enabling educators to personalize learning with confidence.



→ Featured:

-  AI-assisted assessment authoring & grading
-  Coding assessments (Block & Text-Based)
-  Customizable digital assessments
-  Real-time analytics & performance reports
-  Standards-aligned reporting
-  Enterprise-grade security & privacy



Fully Integrated with the OBELAS Digital Ecosystem

Each unit on the platform has special features to help students learn.
Here are some examples:

→ Interactive Lesson Vocabulary

Vocabulary

Click on each term

authentication

bandwidth

congestion

cybersecurity

latency

load



Click here to listen

The maximum amount of data you can transmit over a network in a specific time frame.

→ Interactive Activities & Immediate Feedback

Activity 1

What is feature scaling used for in machine learning?

A to visualize the features

B to remove outliers from the dataset

C to standardize the range of values of features

D to select the most important features for modeling

Feature scaling is used to adjust the range of values of features so that they all have the same scale.

Click to reveal

→ Interactive Technical Terms

Hover the mouse on each highlighted term

Using Python for Conversion

The decimal system is the number system we use daily, made up of the digits 0 through 9. In this system, each digit in a number is multiplied by a power of 10.

You can use Python to convert hexadecimal codes to decimal percentages. Hexadecimal codes represent colors using a base-16 system. Convert them to base-10 (decimal) numbers to identify how much red, green, and blue (RGB) is in a color.

→ Knowledge Reflection Action

Think about what you have learned. Check what you can do.

Share what you've discovered in the Knowledge Reflection box

I Can:

1. Explain what AI and DS are and their practical uses in the real world.

Knowledge Reflection:

2. Demonstrate the use of AI and DS to solve problems in various disciplines.

Knowledge Reflection:

→ Interactive Download and Upload Icons

Activity 3

Download and examine *Logistic Regression Test.ipynb* and then upload it into Google Colab.

Upload Your Project

Upload the project you completed.

Student E-Portfolio

The **Student E-Portfolio** gives every learner a personal digital space to organize, showcase, and celebrate their work throughout the **OUR DIGI WORLD** program.

Students can upload projects, add descriptions and supporting files, personalize their portfolio, and download individual projects or their complete portfolio all in one place.

Empowering students to build a lasting record of their learning, creativity, and achievements.

E-Portfolio Overview



Projects

Machine Learning 1

25-09-2025 10:41

Share

Inside Files

1

My Network

29-10-2025 18:42

Share

Inside Files

1

Upload Files

View Full e-Portfolio



Scan the QR code to try the interactive features in **OBELEARN**.
Contact Sales for demo accounts.



OUR DIGI WORLD

Technical Topics and Units

A Glimpse into Our Technical Topics

Levels K-5

Building Strong Foundations

- Algorithms & Programming
- Animation & Game Development
- Artificial Intelligence
- Digital Citizenship & Cybersecurity
- ICT Applications & Computing
- Mobile Application Development
- Networks & the Internet
- Computational Thinking
- Data & Information Literacy
- Creative Computing & Digital Media
- Ethics & Responsible Computing

Levels 6-12

Advancing to Innovation

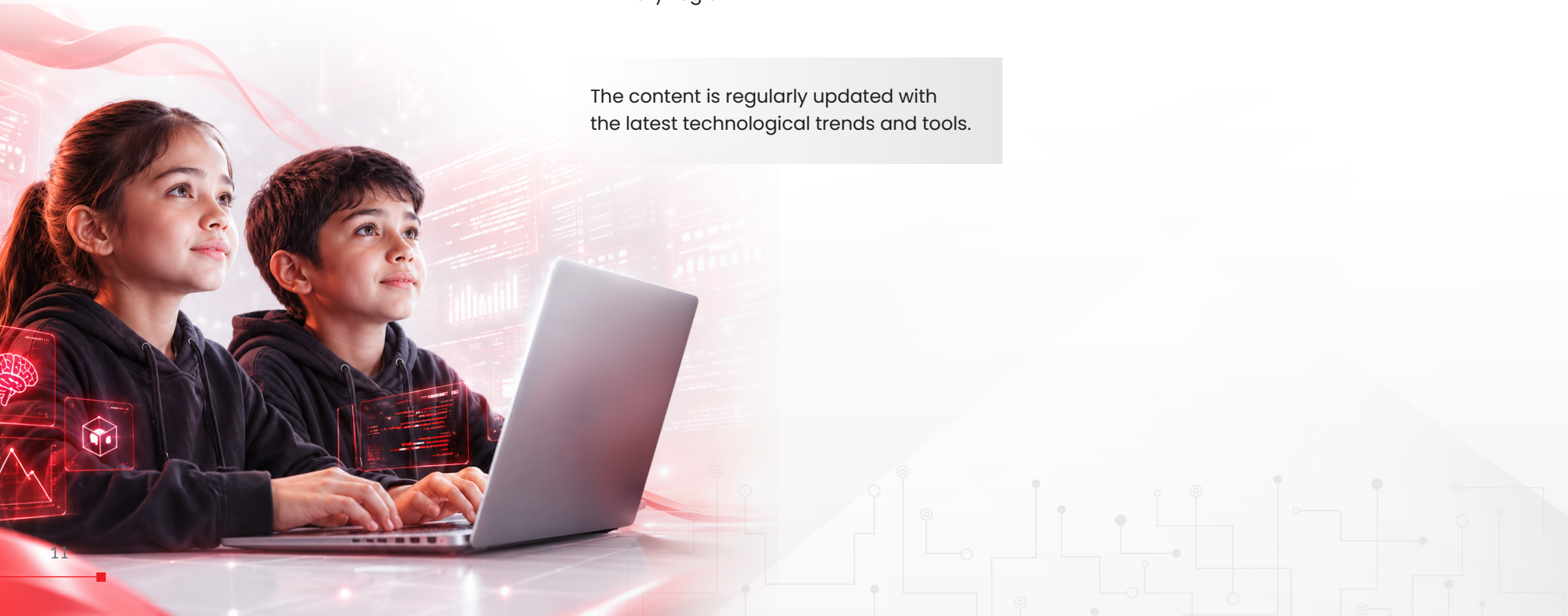
- Advanced Cybersecurity & Network Design
- Data Science & Data Visualization
- Artificial Intelligence, Neural Networks & Deep Learning
- Chatbots, Computer Vision & Cryptocurrency
- Advanced Mobile App Development
- Interactive Web Design
- Front-end & Back-end Development
- APIs and Asynchronous Programming
- Internet of Things
- Operating Systems & Database Management
- Digital Art Creation & Scalable Tech Projects
- Binary Logic

The content is regularly updated with the latest technological trends and tools.

Unit Progression

A clear roadmap from ICT & CS to advanced computing concepts.

Level	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
K	ICT Essentials	Game Development	Artificial Intelligence	-----	-----
1-3	ICT Essentials	Digital Tools	Game Development	Artificial Intelligence	-----
4-6	ICT Essentials	Digital Tools	Game Development	Mobile Application Development	Artificial Intelligence
7-8	ICT Essentials	Digital Tools	Mobile Application Development	Website Development	Artificial Intelligence
9-12	ICT Essentials	Artificial Intelligence & Data Science	Website Development	-----	-----



Diverse Digital Toolkit

OUR DIGI WORLD equips students with a rich digital toolkit that grows with them throughout the program. By building on familiar tools at every level, students develop increasingly advanced skills with confidence. Through the integrated digital platform, they can access these tools anytime to practice, create, and apply their learning.

	Level K	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
OBELEARN Interactivity	✓	✓	✓	✓	✓	✓	✓
OBELAS Educational Games	✓	✓	✓	✓	✓	✓	
Microsoft Paint		✓	✓		✓		✓
Microsoft Word		✓	✓		✓	✓	
Microsoft PowerPoint			✓	✓	✓	✓	✓
ScratchJr	✓	✓	✓				
Scratch				✓	✓	✓	✓
Cognimates				✓			
mBlock							✓
Machine Learning for Kids						✓	
Teachable Machine				✓	✓		
Microsoft Excel					✓	✓	✓
App Lab					✓	✓	✓
Microsoft Forms						✓	
draw.io.com						✓	✓
Google Docs					✓		
Google Translate		✓					

	Level 7	Level 8	Level 9	Level 10	Level 11	Level 12
OBELEARN Interactivity	✓	✓	✓	✓	✓	✓
Microsoft 365	✓	✓	✓	✓	✓	✓
Microsoft OneDrive	✓			✓		
Windows Security	✓					
Microsoft Teams (personal)				✓		
Google Forms	✓				✓	
mBlock	✓					
MIT App Inventor	✓	✓				
MIT AI2 Companion	✓	✓				
aiStarter Emulator	✓	✓				
Personal Image Classifier		✓				



	Level 7	Level 8	Level 9	Level 10	Level 11	Level 12
Visual Studio Code	✓	✓	✓	✓	✓	✓
GitHub	✓		✓		✓	
Command Prompt		✓	✓			
drawio.com	✓	✓	✓			✓
phpMyAdmin				✓		
Google Colab			✓	✓	✓	✓
IDLE			✓			
XAMPP				✓		
Logic Gate Simulator						✓
OMNeT++ IDE						✓
JupyterLite & Spyder		✓				

Diverse Coding and Programming Toolkit

In **OUR DIGI WORLD**, students embark on a seamless journey from visual, block-based programming to advanced text-based coding languages. At Levels K to 6, learners develop core computational thinking skills through block-based coding, where they explore logic, sequencing, and problem-solving in an engaging drag and-drop environment. As they progress to Levels 7 to 12, they transition into text-based programming, mastering languages used by real-world developers.

	Level K-3	Level 4-6	Level 7	Level 8	Level 9	Level 10	Level 11	Level 12
Block-Based Coding	✓	✓	✓	✓				
Python			✓	✓	✓	✓	✓	✓
JavaScript				✓	✓	✓	✓	✓
SQL						✓		
React.js							✓	
Redux							✓	
HTML			✓	✓	✓	✓	✓	✓
CSS			✓	✓	✓	✓	✓	✓
Node.js						✓	✓	✓

Scope and Sequence

What Students Will Learn



Level K

Unit 1 Our Digital World

1. Adding Questions and Finding Answers
2. Technology Around Us

Unit 2 Playing with Steps

1. Following and Adding Steps
2. Fixing Steps in a Game

Unit 3 Learning with Machines

1. How People and Computers Learn
2. Parts, Maps and Signs

Level 1

Unit 1 Technology

1. History of technology
2. Hardware and Software
3. Online Safety

AI Lab

Using AutoDraw for AI Drawings

Unit 2 Data and Formatting

1. Understand Data
2. Format Images and Text

AI Lab

Creating images using AI

Unit 3 Animation

1. Make a Simple Animation
2. Make Your Own Characters
3. Step-by-Step Coding with Repeats
4. Plan and Share Your Animation

AI Lab

Planning Your Story with AI Tools

Unit 4 Smart Thinking

1. Smart Learning
2. Fair Choices with AI

Level 2

Unit 1 Fun with Computers

1. What is inside a Computer?
2. Staying Safe on the Internet

AI Lab

How Smart Computers Learn

Unit 2 Data

1. Data Use
2. Data Presentation

AI Lab

AI and Fairness in the Digital World

Unit 3 Animation and Game Development

1. Learn New Programming Tricks
2. Find and Fix Bugs
3. Little Blocks, Big Stories
4. Make Choices and Use Animation in Stories
5. Share Your Space Adventure

AI Lab

Smart Planning with AI Tools

Unit 4 AI in Our World

1. Helping Computers Learn Machines, AI and Jobs
- 2.

Level 3

Unit 1 Computing Systems

1. Dive into Technology
2. Inputs and Outputs

AI Lab

Learning with AI Machines

Unit 2 Data Fun: From Content to Presentation

1. Presenting Pictures and Videos and Respecting Copyrights
2. The Power of Presentations

AI Lab

How Computers Create and Change Images

Unit 3 Game Design

1. Get Started with Game Design
2. Code Your Game
3. Tools to Make Your Game Better
4. Plan, Design, and Test Your Game

AI Lab

AI and Motion in Games

Unit 4 AI in Action

1. Human and Machine Senses
2. Solving Problems with AI

Level 4

Unit 1 Basics of Digital Connection

1. Technology and Networks
2. Sharing Data between Devices

AI Lab

Exploring Chatbots

Unit 2 Presenting Data

1. Display Data
2. Make Reports

AI Lab

Building Trees

Unit 3 The Great Scratch Adventure

1. Start Your Game Adventure!
2. Discover New Coding Paths
3. Solve Gaming Problems
4. Work Together on a Game

AI Lab

AI and Understanding Human Speech

Unit 4 The World of Applications

1. Explore Application Programming
2. Use Variables and Write Algorithms
3. Make Smart Choices in Your Applications
4. Debug and Improve Your Applications

AI Lab

Smart Applications with AI

Unit 5 AI Learns to Decide

1. How We Train AI
2. How AI Makes Decisions

Level 5

Unit 1 Digital Defenders: Building a Safe ICT World

1. Discovering Computer Software
2. Becoming a Cyber Protector

AI Lab

How AI is Changing the Digital World

Unit 2 Explore Data: Collect, Analyze, and Show

1. Surveys and Forms
2. Understand, Analyze, and Share Data

AI Lab

Understanding Data with AI

Unit 3 Adventures in Game Design

1. Game Idea and Sprite Design
2. Work with Game Features
3. Power-Ups and Challenges
4. Sharing Ideas Makes Games Better

AI Lab

Text to Speech in Scratch

Unit 4 Handling Data

1. Saving Data as Key/Value Pairs
2. Using a Database
3. Make Sense of Data

AI Lab

How AI Helps an App Learn

Unit 5 AI Thinking and Feeling

1. AI Learning Ways
2. Training AI to Understand Feelings

Level 6

Unit 1 Improving and Securing Technology

1. Changes and Improvements in Technology
2. Secure Your Online Information

AI Lab

AI Tools Supporting Humans

Unit 2 Understanding Data: Change and Protect Information

1. Clean and Protect Data
2. Show Information in Different Ways

AI Lab

AI Color Generator

Unit 3 Advanced Game Development

1. Introduction to Advanced Game Development
2. Make Your Games More Advanced
3. Test and Improve Your Game

AI Lab

From Voice to Text with AI

Unit 4 Advanced App Development

1. From Algorithms to Code
2. Functions and Parameters
3. Debugging and Documentation

AI Lab

Designing Smart Apps with Abstraction and AI

Unit 5 Solving Problems with AI

1. AI Senses
2. AI Understanding Language

Scope and Sequence

What Students Will Learn



Level 7

Unit 1
Internet and Digital Security

- The Internet and Crowdsourcing
- Digital Security

AI Lab

AI and Online Security

Unit 2
Creative Tech: Drawing and Data Presentation

- Digital Art
- Collecting and Analyzing Data

AI Lab

AI and Edge Detection

Unit 3
The World of Android Apps

- Your First Step into Android App Development
- Building and Installing Android Apps
- The Power of Sensors in Apps
- Animation in Apps

AI Lab

How Smart Machines Sense and Feel

Unit 4
Web Foundations

- The Internet Across Time
- Building Blocks of the Past
- Styling Through Time

AI Lab

Building Inclusive and Smart Websites with AI

Unit 5
AI Models and Human Values

- AI Learning, Sensing, and Decision-Making
- Understanding AI Language Use

Unit 1
Project Innovators: Design and Connectivity

- Project Design
- Data Transmission and Protocols

AI Lab

Prototyping with AI

Unit 2
Exploring the Power of Data Predictions

- Effective Data Analysis
- Data Models in Action

AI Lab

AI Learning and Fair Data

Unit 3
Smart and Engaging Mobile Applications

- Storing Data in Apps
- Multimedia Mobile Applications
- Organizing and Testing Your Code in MIT App Inventor
- Machine Learning in Apps

AI Lab

AI Apps for Daily Life

Unit 4
Interactive Websites

- Making Web Pages Interactive
- Writing Smarter Code
- Testing Your Code

AI Lab

AI and the Future of Work

Unit 5
Building Smarter AI Systems

- How AI Searches, Groups Data, and Learns from Mistakes
- Language, Ethics, and Real-World Applications

Unit 1
Building and Securing a Smart Environment

- Building Scalable Networks
- Securing Networks: Attacks & Measures

AI Lab

Smart Security with Artificial Intelligence

Unit 2
Get Started with Artificial Intelligence and Data Science

- Introduction to AI and DS Using Python
- Data Exploration Using Python
- My First Machine Learning Model

AI Lab

From Motion to Machine Learning: How AI Understands Movement

Unit 3
Interactive Web Experiences with Dynamic Data

- Dynamic Websites with APIs
- Asynchronous Adventures
- Dynamic Data Narratives

AI Lab

How Technology is Transforming Web Development

Unit 1
Collaboration and Fairness in the Digital Age

- Inclusive Teamwork Through Technology
- Law, Ethics, and Technology
- Solving Real-World Problems with Digital Solutions

AI Lab

AI Dictation in Microsoft OneNote

Unit 2
AI and Cryptocurrency

- Using Python Programming to Explore Cryptocurrency Data
- Web Scraping Using Python
- Linear Regression Models Using Python

AI Lab

AI Web Scraping

Unit 3
Integrating the Backend

- Crafting the Backend for My Digital Yearbook
- Storing School Year Memories
- Managing Yearbook Pictures

AI Lab

Building Web Applications with AI

Unit 1
Operating Systems and the Future of Technology

- Understanding Operating Systems
- Impact of Technology on Society
- The Future of Technology and Laws

AI Lab

Intelligent Systems and the Future of Operating Technology

Unit 2
Exploring Computer Vision Using Python

- Fundamentals of Computer Vision Using Python
- Python Libraries and Introduction to OpenCV
- Deep Learning Using TensorFlow

AI Lab

Training and AI to See: From Features to Classification with Roboflow

Unit 3
Advanced Front-End Engineering

- Constructing the Dashboard
- Navigating the Dashboard State
- Social Media Insights at Your Fingertips

AI Lab

Visual Planning with Whimsical

Unit 1
Building and Protecting Computing Systems

- Computing Logic and Digital Equity
- Network Mastery

AI Lab

Smarter Systems with AI2SQL: From Queries to Secure Design.

Unit 2
Building Chatbots Using Python

- Fundamentals of Python for Chatbots
- Building and Testing Chatbots with Natural Language Toolkit (NLTK)
- Advanced Chatbots with Recurrent Neural Networks (RNNs)

AI Lab

Designing Smart Chatbots with Natural Language AI

Unit 3
Integrating Full-Stack Solutions

- Building the Foundation of TaskManager
- TaskManager: Managing and Accessing Data
- Converting the TaskManager Platform to PWA

AI Lab

Using GitHub Copilot to Enhance Full-Stack Web Solutions

Project Adventure

Projects and Categories

Level	Unit	Project	Project Category
K	Unit 1	Explore technology and use devices safely	Technology Exploration
	Unit 2	Arrange and fix steps in games	Sequencing and Game Adventures
	Unit 3	Discover senses, patterns, and signs	Senses and Smart Technology Exploration
1	Unit 1	Draw your computer	Technology Devices
	Unit 2	Create and design a digital card	E-card Creation
	Unit 3	Animate space characters	Outer Space Exploration
	Unit 4	Make a smart traffic game with a robot	Robotics
2	Unit 1	Arrange and create files and folders	Technology Integration
	Unit 2	Arrange and organize fridge items presentation	The Art of Fridge Organization
	Unit 3	Animate seasons changing all year long	Weather Seasons
	Unit 4	Design a smart multilingual map with AI translation	Smart School Map
3	Unit 1	Train a sign language AI model	AI for Inclusion
	Unit 2	Create a presentation about the sign language AI model	AI Innovation
	Unit 3	Design and code a space rover game	Space Rover Mission
	Unit 4	Build an AI island adventure	Island Adventure
4	Unit 1	Design a school network	Network Planning
	Unit 2	Create a grocery shopping list worksheet	Shopping List
	Unit 3	Develop a space adventure game	Space Discovery
	Unit 4	Develop a secure app	Game Preferences
	Unit 5	Train a model to recognize your name	Sound Detection
5	Unit 1	Design an online safety awareness presentation	Online Safety Awareness
	Unit 2	Collect, analyze, and visualize data about cybersecurity	Cybersecurity
	Unit 3	Develop a runner game in city streets	Endless Runner Challenge
	Unit 4	Develop a gaming store app	Gaming Store
	Unit 5	Build a cyberkind AI game	Cyberbullying
6	Unit 1	Create and improve a secret tech invention	Cutting-Edge Security Innovations
	Unit 2	Clean and format a heart monitor data worksheet	Wellness and Health Tracking
	Unit 3	Develop a platformer game	Gaming Adventures
	Unit 4	Develop a column and concrete calculator app	Construction & Engineering
	Unit 5	Design a smart-desk AI classroom assistant	AI-Powered Learning Support Tools

Level	Unit	Project	Project Category
7	Unit 1	Create study cards and online security posters	Digital Learning and Cybersecurity Awareness
	Unit 2	Design a digital art gallery	Digital Art Gallery
	Unit 3	Create a mobile application to control a chemical factory robot	Robot Control
	Unit 4	Design a time travel blog website	History
	Unit 5	Engineer a smart driving system	Transportation and Road Safety
8	Unit 1	Design a smart home system	Smart Home
	Unit 2	Analyze a high-tech greenhouse data sheet	Environment
	Unit 3	Develop a tech device app classifier	Hardware Devices AI Classifier
	Unit 4	Create a digital pet interactive website	Virtual Pet Caring
	Unit 5	Develop an energy saver AI model	Energy Use
9	Unit 1	Plan the network of a company	Office Network Design
	Unit 2	Build an activity prediction using machine learning and smartphone data	Personalized Activity Monitoring
	Unit 3	Create an interactive escape room website	Puzzle Solving
10	Unit 1	Plan a smart technology to improve hospital care	Smart Healthcare
	Unit 2	Build a cryptocurrency price prediction with machine learning	Cryptocurrency
	Unit 3	Create a digital yearbook interactive web application	Digital Yearbook
11	Unit 1	Improve a school's computer lab performance and security	Computer Lab Maintenance
	Unit 2	Build a lunar explorer robot with computer vision	Space
	Unit 3	Create a social media dashboard	Social Media
12	Unit 1	Plan how to distribute a tech device idea fairly and effectively	Logic and Network Design
	Unit 2	Create an advanced chatbot designed for small businesses	Business-Oriented Chatbot
	Unit 3	Build a cutting-edge, secure, and scalable task management application	Task Management



Our DIGI World Program Levels

Building Future-Ready Learners

OUR DIGI WORLD empowers students with the knowledge, skills, and confidence to navigate an ever-changing digital landscape. Through a blend of innovative curriculum, hands-on learning, and integrated technology, we prepare learners not just to use technology but to shape its future.



Level K



Level 4



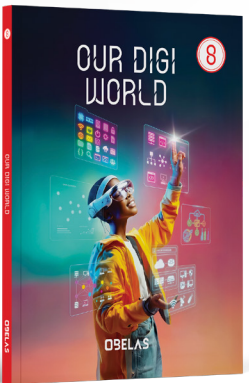
Level 5



Level 6



Level 7



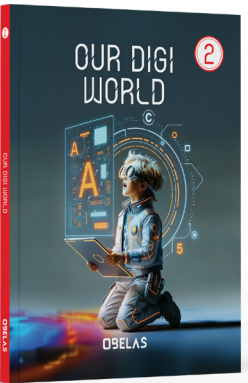
Level 8



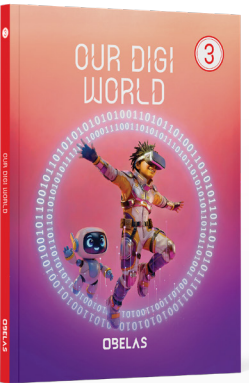
Level 9



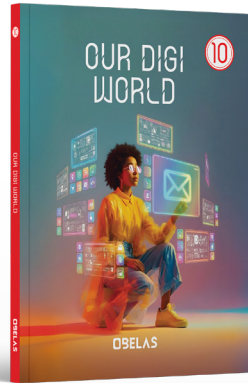
Level 1



Level 2



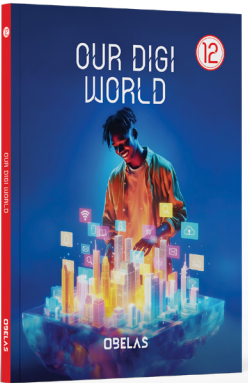
Level 3



Level 10



Level 11



Level 12

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