Telebort

Telebort was founded in 2016 with the goal of bringing people together through education and technology. We focus on teaching computer science and software development to young students, helping them learn how to solve real-world problems using technology.

Since our inception, we have impacted over 7000+ students across various regions including Malaysia, Singapore, Indonesia, Thailand, Japan, Korea, China, and beyond.

Our approach to teaching software development starts with block-based programming and progresses to cover mobile, web, and data development. In addition to offering traditional classroom instruction, we also provide a digital academy platform that allows students to access learning materials, question banks, and real-world projects to further their computer science education.

Our team of dedicated teachers and programmers lead our programs and provide peer-to-peer mentorship to inspire and educate students in digital making. Through our platform, kids and teens can learn how to write code, build apps, and deploy websites, and even create digital portfolios of their creative projects and source code.

We have a rating of **4.9/5 stars** on Google from our students

Preparing our children for a better future using the CCCT model

1 Character Strengths

Develop a set of character strengths such as curiosity in learning, having self-control, discipline and resilience in achieving greatness, practice kindness, compassion and gratitude in life.

2 Cognitive Skills

Build strong habits of the mind in terms of information processing, such as understanding, synthesizing, and reasoning skills in problem solving.

3 Creativity

Boosts creative confidence in developing ideas and solutions through design thinking, engineering, leadership, and most of all through the expression of artistic and emotional beauty.

4 Technology

Gear up fundamental skills and knowledge in computer science and engineering based on focused programs and hands-on experiences.

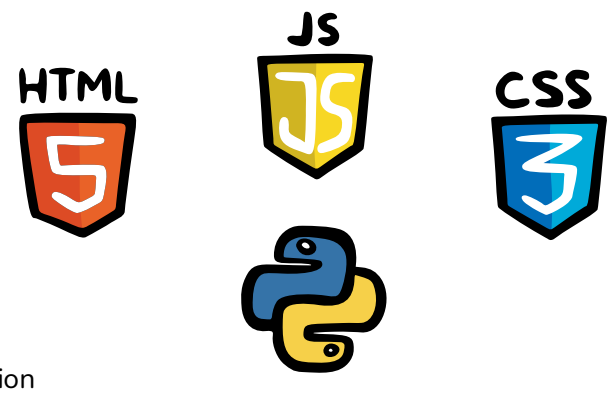
We enable kids and teens to solve real world problems through computer science education

- Encourage collaboration and teamwork
- Foster a culture of innovation and creativity
- Connect with the community
- Provide ongoing support and mentorship

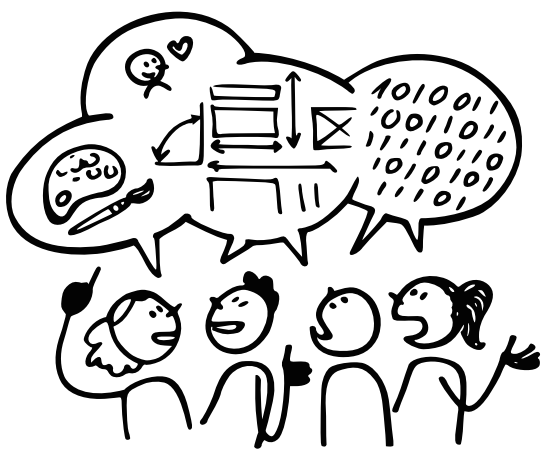
Here's 8 reasons why Telebort is the best online coding class for your kids.

1 Skilled Instructors paired with world-class technology

We empower hundreds of students across different cities to learn with us through a combination of skilled instructors.



- Knowledgeable instructors
- Trained and experienced in their fields
- Dedicated to providing students with relevant information
- Perceptive to up-to-date technologies



2 Latest syllabus, content, and projects

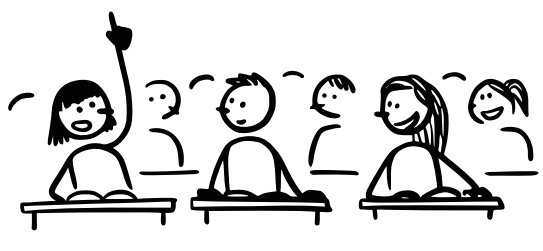
In Telebort, we are proud to offer the latest syllabus, content, and projects to our students. By staying current and up-to-date with industry developments and best practices, we are able to provide our students with the most relevant and valuable education possible.

- Regularly updated syllabus covering current topics
- Wide range of instructional materials including lectures, demonstrations, and hands-on activities
- Dedicated to providing students with relevant information
- Perceptive to up-to-date technologies

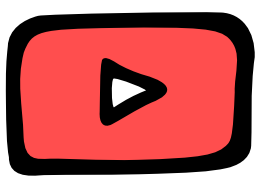
3 Hybrid learning approach

We also offer a hybrid learning approach that allows students to participate in our programs either online or offline. This means that students have the flexibility to choose the learning format that best suits their needs and preferences.

Our online classes use Zoom to create an interactive and engaging learning environment, with tools for annotation, screen control, sharing, and privacy.



- Online learning for students who prefer the convenience and flexibility of online learning via our Digital Academy Platform
- In-person learning for students who prefer in-person instruction, we offer traditional classroom classes at our facilities



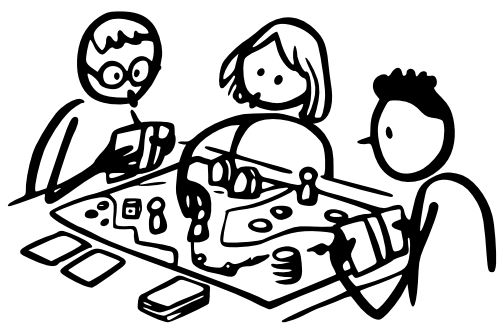
4 Accessible video channel

Our online classes use video as the core teaching medium, allowing students to adjust watch time, playback speed, replay, translate, and view at low internet speeds.

- Extensive library of videos available online
- Watch at anytime of the day
- Code reviews and lesson notes are available in video format

5 Mastery Box Challenges

Mastery Box Challenges is designed for advanced students who are looking to take their skills and knowledge to the next level. The Mastery Box Challenges is an excellent opportunity for advanced students who are looking to push themselves to the next level and take on new challenges.



- Mastery Box Challenges for advanced students
- Pushes skills and knowledge to the next level
- New challenges for personal growth

6 WhatsApp Group for Parents and Students

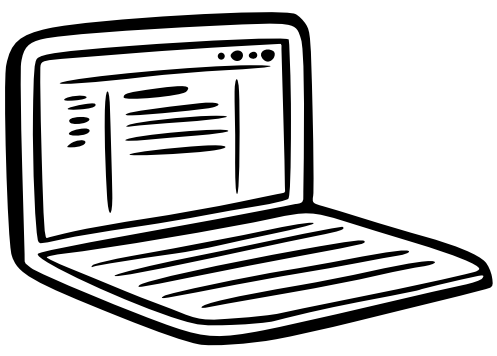
A WhatsApp group for parents and students allows parents and students stay informed about important information and events related to their studies. It is a useful tool for keeping everyone connected and up-to-date, especially in a Telebort setting where students may be learning remotely.

- Updates on syllabus changes and important announcements
- Receive updates through WhatsApp group for parents and students
- Includes information on upcoming tests

7 Student's Community for Q&As

Our Student's Community for Q&As provides ongoing progress tracking, immediate feedback and rating after each class, and a forum for students to discuss and ask questions. This allows students to track their progress, receive feedback on their work, and engage in discussions with their peers and instructors.

- Parent insights available on the parent app
- Interactive forum for questions and discussions
- Enhance progress tracking and receive constructive feedback
- Connect with peers and instructors



8 Telebort Dashboard (Learning Management System)

An advanced LMS includes a wide range of features and capabilities that are designed to support and enhance the learning process. For students, this may include access to online course materials, the ability to track their progress, and tools for submitting assignments and receiving feedback. For instructors, it may include tools for creating and delivering online courses, assessing student work, and providing support and guidance.

- **For students:** online course materials, progress tracking, assignment submissions, feedback
- **For instructors:** course creation, student assessment, support and guidance tools

Program	Level 1 Junior Creator	Level 2 Foundation of Creative Computing	Level 3 Mobile Apps Development	Level 4 Block-based Python	Level 5 Fundamental Web Design	Level 6 Interactive Web Design	Level 7 Advanced Web Development	Level 8 Data Analysis with Python	Level 9 Artificial Intelligence with Python
Recommended Age Group	Age 8 – 9	Age 10 – 12		Age 13 – 16					
	Recommended for new intake	Recommended for new intake		Recommended for new intake					
Prerequisites	No prerequisite	No prerequisite	Completed level 2 or Pass the assessment	No prerequisite	Completed level 2 or Completed level 4 or Pass the assessment	Completed level 5 or Pass the assessment	Completed level 6 or Pass the assessment	Completed level 2 or Completed level 4 or Pass the assessment	Completed level 8 or Pass the assessment
Learning Objectives	• Explore coding through creating interactive projects using block-based programming tools • Develop computer literacy and typing skills • Understand internet safety and the concept of events	• Master basic programming concepts and apply them in project creation • Use computational thinking, algorithmic thinking, and mathematical reasoning to innovate and explore technology • Learn key concepts of computer science and programming, including events, sequences, loops, conditionals, operators, variables, lists, and functions, using block-based programming platforms	• Design and develop socially useful mobile apps using MIT App Inventor • Emphasize writing, communication, collaboration, and creativity in a project-based course • Learn key components of mobile development such as design thinking, text sensing, and information processing • Gain practical experience in mobile app development using block-based programming methods	• Students will learn programming using Python and EduBlocks • They will learn computational thinking, sequence and events, input and output, comments, variables and data types, and the Python random module • Learn about lists, conditionals, comparison and logical operators, functions, loops, and the Python turtle graphics library • Learn about the Python math module and create interactive data visualizations with Pygal	• Use HTML and CSS to build a static personal web page and design it using CSS • Leverage Bootstrap, a front-end development framework, to create a stunning website • Learn about HTML, CSS, Bootstrap, and responsive web design to create a visually appealing and functional website • Understand the concepts of HTML division elements, CSS selectors, the CSS box model, font, icons, and more to enhance web design skills	• Understand the basics of JavaScript, a popular programming language in front-end web development • Learn how to use Javascript and the Document Object Model (DOM) to build interactive web pages • Acquire the skills to create web pages that can request user input, give responses, and display dynamic content • Master key concepts such as variables, operators, control flow, loops, functions, arrays, objects, and events to enhance JavaScript programming skills	• Learn full stack web development, including front-end and back-end development • Learn Node.js and related node packages • Learn Svelte and SvelteKit, a compiler and framework for web development • Work on web apps with database and authentication using Google's Firebase • Be able to create dynamic websites with their own web server, combining front-end and back-end skills	• Understand and apply the fundamentals of Python programming • Use Jupyter Notebook and Google Colab to analyze data • Utilize NumPy and PrettyTable Python packages • Use Pandas to conduct data analysis, including cleaning and manipulation • Visualize data using Matplotlib • Interpret and report on analyzed data	• Understand and apply concepts in Artificial Intelligence, including Machine Learning and Deep Learning • Develop skills in Natural Language Processing using Scikit-Learn • Use TensorFlow to create and train Artificial Neural Networks for image classification • Apply computer vision techniques using OpenCV, including object detection using Haar cascades classifier • Create various AI-related projects using different Python AI libraries
Learning Focus	• Drag and drop block rather than text-based programming • Learn how to use computers and become more proficient at typing • Understanding how to use a keyboard and type accurately • Bring ideas to life through coding • Learn about the dangers of the internet and how to protect themselves online	• Express their creativity and bring their ideas to life through code • Understanding how to solve problems • Using mathematical concepts and principles to solve problems and make decisions. • Create their own programs and explore technology in a more innovative and algorithmic way	• Will have the opportunity to design their own mobile apps using MIT App Inventor and publish them to the App Store • Students will be able to effectively work on group projects and communicate their ideas • Allow students to learn how to design and develop useful and functional mobile apps in a hands-on manner	• Be able to code with text-based languages like Python or HTML using a familiar drag-and-drop blocks system • Perform data analysis and visualization using Python • Work with different libraries and frameworks to build applications and solve complex problems • Build and deploy web applications, games, scientific and mathematical applications	• Create websites that are visually appealing and function well across different devices and screen sizes • Establish an online presence, showcase their work and projects, and demonstrate their skills and abilities • Create web pages to structure and format the content on the web, including text, images, and other media	• Create interactive and dynamic websites and add logic to web pages and make them more interactive and engaging for users • Programmatically access and manipulate the content, structure, and style of a document. • Build layout, design, and user experience of the website or app	• Have a more comprehensive understanding of how websites and web applications work • Allows students to run JavaScript on the server side • Build web applications with efficient and performant code • Organizing and structuring their applications • Build dynamic websites that can store and retrieve data, and that have secure login and access control for users	• Able to effectively analyze and interpret data for their projects • Effectively present and communicate their data analysis findings through visual representations • Create a variety of static, animated, and interactive visualizations in Python • Create a wide range of visualizations, including line plots, scatter plots, bar plots, pie charts, histograms, and many more	• Understand and engage with important ethical and societal issues related to the development and use of AI. As AI becomes increasingly prevalent in our lives • Break down complex problems into smaller, more manageable pieces, and to think critically about how to approach and solve those problems • Gain valuable data analysis skills