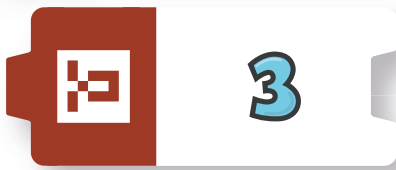


Scottie Go!

BeCREO
TECHNOLOGIES



Discover

the world

of coding



■ PRODUCT
CATALOGUE

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About

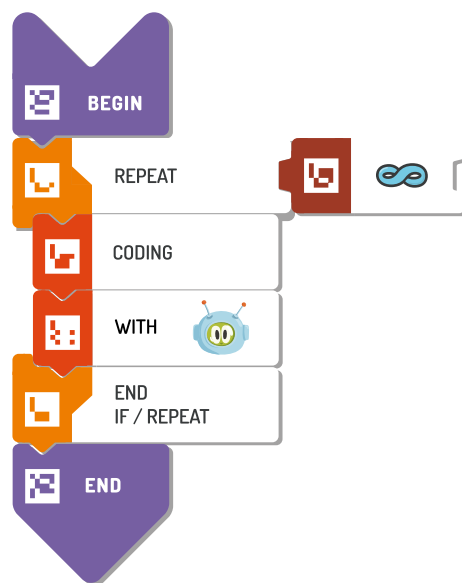
BeCREO Technologies

BeCREO Technologies is a Polish IT startup which develops innovative educational tools for education and consumer markets. We implement a holistic vision to equip students, teachers, parents with tools enabling the safe usage of the newest technologies in traditional, hybrid and distance learning.

The company's goal is to commercialize on global markets the various types of innovative solutions

The leading product Scottie Go! is an innovative educational game series which teaches programming. It promotes the development of algorithmic intuition and competencies, according to the latest research in methodology and technology. The games are available in 23 languages (depending on a game version) in over 70 countries around the world for Android, iOS and Windows based devices.

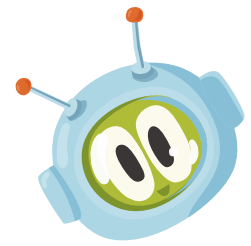
The company cooperates with teachers, experts, educational institutions and development entities. The products are designed to teach programming in school and are suitable for distance learning. The company's products are available in boxed, mobile and subscription versions, giving users the option to choose the best suited way of payment and usage model.



**Innovative
educational
tools**

BeCREO Technologies cooperates closely with leading companies from the IT industry and the education sector. Products and solutions integrate the latest technologies of R&D, combining previous experience with recent technological achievements.

Scottie Go!



Learning programming with unique game series for home users and educational institutions

Educational coding game for children

Mobile and boxed games for children aged 4 to 15 years and a quest creator both distance and traditional in-person learning of programming.

We developed a virtual environment and programming language for children in early ages with no previous programming experience as well as for kids who are more experienced players.

- multiple assets
- various difficulty levels
- friendly heroes of the games

Play
and
learn



Programming blocks:

To learn how to code, a player needs to arrange the programming blocks into the scripts-sequence of commands to steer the characters (e.g. to make Scottie jump at the proper moment or to avoid obstacles) of the game to carry out the quests correctly.

Each program starts with the BEGIN block and finishes with the END block. In between them, players insert blocks displaying specific commands, some of which require adding parameters, e.g. the number of steps that Scottie must take. The command blocks enable Scottie to interact with other characters and his environment.

If the program is written correctly, players are awarded with up to three stars. If the lines can be shortened and optimised, only one or two stars will be awarded. If the program fails, players can try to rewrite the lines of program to find a working solution.

Available formats:

- Manual programming blocks,
- Visual programming blocks;

The indentations and protrusions make the blocks fit together like a puzzle.

Manual programming blocks



Manual programming blocks (cardboard blocks placed on the player's table like a puzzle) - thanks to the innovative image recognition (using Augmented Reality) system used in the application they can be scanned with a camera and, once recognised by the application, they will execute the program.

The programming blocks are packed in the boxes designed for the Scottie Go! games. These boxes are made of safe and ecological material, such as cardboard. The magnetic blocks are created in the way to be connected with the other elements (as the name suggests). Using cardboard blocks, players create programs to solve the quests featured in the app.

After installing the app on a device and use the programming blocks to build programs on the background board supplied. Then they can scan their code lines by using the photo or recording.



Virtual programming blocks - an integral part of the application interface can be stacked on top of each other (in the virtual version they are dragged to the coding area) to create a sequence of commands that build program.

Virtual programming blocks are available in all non-boxed versions of the game.



Application for coding games

The coding games application for mobile devices or laptops provides a step by step guide through the adventurous world programming with Scottie the alien.

The gamification formula and interesting quests help to keep children interested, rewarding their efforts in a way known and be liked by them.

Depending on the version, the application may be purchased in the appropriate mobile store, as well as downloaded one, using the license key included in the box.

The apps designed for boxed games allows learners to find out details about the quest to solve, to scan lines of code created with cardboard blocks and to review if the scanned those lines fulfill the quest objectives.

The apps purchased in the appropriate mobile stores allow users to arrange the programming blocks into scripts to steer the heroes of the game using the virtual programming blocks.

Scottie Go! basic



Educational coding game for pre-school children

Scottie Go! Basic helps teach children coding. It features a friendly alien called Scottie whose spaceship breaks down and crash on Earth. Kids will need to help Scottie and his friends to collect replacement parts for his spaceship by programming their moves.

The concept of the game is friendly for kids, helpful to the teacher and covers the following curriculum topics:

- basics of programming: simple commands, parameters, loops,
- use pictograms to represent algorithms,
- develop mathematical reasoning,
- create thematic elements of the game,
- teamwork under supervision of the teacher.



For teachers:

- allows teachers to deliver lessons in various ways and situations, anywhere and on a variety of devices,
- includes detailed Teachers' Guide with quests and solutions,
- after installing the application, internet access is no longer required, so it can be used in almost any place, on the school desk, on the carpet or even outdoors;

Traditional learning

If Scottie Go! Basic is played as a board game, the challenge cards can be used which allow learners to develop their creativity by modifying existing quests and programs, and by creating completely new tasks for game characters.



App:



Tutorial languages:



Programming blocks may be customized to any language after contacting us.

Operating systems:



Traditional learning:

Scottie Go! Basic might be used without any electronic device or app, just by using it like a traditional board game. In this case, quests are set on the game board by using tokens and overlays provided. Players execute the program by moving wooden tokens of game characters on a game board.

Scottie Go! Basic box includes:

- an 8x12 squares fold-out game board (with a summer and a winter version)
- 42 tokens: obstacles, water, bridges, straw, collectibles;
- 47 programming blocks;
- 52 challenge cards to modify the pre-created programs;
- 3 wooden tokens and 6 Scottie stickers;
- blank programming blocks, tokens and cards to customise;
- Scottie Go! Basic manual;
- a licence code for Scottie Go! Edu app eligible for 3 devices. The Scottie Go! Basic licence allows users to complete the initial 24 quests of Scottie Go! Edu app
- Teacher's Guide with quests and solutions
- 2 linen bags to store tokens and other parts;
- a plastic tray to store all blocks and other elements of the set inside the box.

Scottie Go!

EDU



Educational game with interactive programming course

Scottie Go! Edu is an innovative educational game which teaches kids to program. Using gamification in education helps kids to gain knowledge in a friendly and interesting way. The game features a friendly alien called Scottie whose spaceship breaks down and crash on Earth. Learners will need to help Scottie and his friends to collect replacement parts for his spaceship by programming their moves.

Scottie Go! Edu develop very important skills and competences such as:

- fundamental programming concepts such as: simple and complex commands, parameters, loops, conditional statements, variables, functions,
- analytical as well as logical thinking,
- algorithmic reasoning,
- presenting their thoughts and ideas,
- proper work planning and work organisation,
- teamwork and effective project development.

Scottie Go! Edu comprises an app as well as unique cardboard programming blocks, featuring 91 quests of increasing difficulty.



Basic of programming

For teachers

- conducting engaging programming classes,
- includes a detailed Teacher's Guide, available for download on website using the licence code from the box,
- allows to give lessons in various situations, anywhere and on a variety of devices,
- might be used not only during the lesson but also in workshops, extracurricular activities, courses and programming schools,
- after installing the game, the app no longer requires internet access, so it can be used in almost any place, on the school desk, on the carpet or even outdoors,
- programming classes can be conducted by dividing students into groups, each group should have their box with the game and a block scanning device.



Scottie Go! Edu box includes:

- 179 programming blocks;
- a licence code for Scottie Go! EDU app eligible for 3 devices;
- an organiser;
- a background board on which the programming blockscan be assembled;
- Scottie Go! Edu Manual.

App:



Tutorial languages:



Programming blocks may be customized to any of 23 languages after contacting us.

Operating systems:



Scottie Go! Dojo



Distance teaching and learning of programming

Scottie Go! Dojo is an application which allows users to learn programming by arranging the programming blocks into scripts to steer Scottie - the main character of the game. Multiple assets, various difficulty levels and friendly heroes of the game allow to create interesting stories to introduce programming. The application is recommended for groups with no previous programming experience, as well as for more experienced players to create challenging programming environments.

The app can be used in schools and other educational institutions during interactive IT and technical classes, as well as by home users.

Scottie Go! Edu develop very important skills and competences such as:

- learning programming,
- improvement of logical and mathematical thinking,
- communication and cooperation searching for non-standard solutions to problems,
- creative thinking.

Scottie Go! Dojo quests creator – how it works?



1. Players design maps and quests for Scottie, determining the complexity and difficulty based on their own ideas.

2. To solve the quests players create programs to be executed on the screen using the programming blocks. To solve the quests users can use 2 formats of the programming blocks:

- Virtual programming blocks - an integral part of the application interface,
- Physical programming blocks available in Scottie Go! EDU boxed game.



3. Scottie Go! Dojo allows to use the quests designed in the app creatively. Each quest is automatically assigned a QR code. This unique functionality allows teachers to share quests with students in a quick and interesting way. Moreover, students can share them with the teacher and among each other too.

The process of creating and solving the quests can be shared on screen to demonstrate, analyse and explain quests and their solutions.

Scottie Go! Dojo for consumers and educational institutions (features and functionality)

Scottie Go! Dojo DEMO VERSION:

- 14 days of free app usage
- Demo levels
- Gameplay
- Level Editor

Scottie Go! Dojo Basic licence for students and home users:

- 12 months usage of the app
- Demo levels
- Gameplay
- Level editor

Scottie Go! Dojo PRO licence for teachers:

- 12 months usage of the app
- Demo levels
- Gameplay
- Level editor
- Assigning licenses to students
- Creating student groups
- Bulk licence management

Scottie Go!

MAGNETIC BLOCKS



An excellent, easy-to-use and helpful teaching aid for the Scottie Go! educational games series



Magnetic blocks are an excellent tool to teach kids collaboration, to present and discuss both correct solutions and indeed solutions containing a 'bug' (teaching how to 'de-bug').

Helpful teaching aid

Each set comprises 53 magnetic blocks that can be attached on a magnetic and/or interactive board or on a carpet to demonstrate, analyse and explain quests and their solutions. The number of magnetic blocks in the box allows to solve 24 tasks from the Scottie Go! Edu app. The blocks are much larger than the standard-size cardboard ones used in the game.



BE CREO

KIT



Designed to inspire

BECREO kit is a set of electronic modules and an application-based course. Introducing the basic of coding, electronics, mechatronics and robotics to students. BECREO kit is engaging in innovative. It enables students to do interactive projects involving design, music and engineering. Giving them the opportunity to create an Intelligent House, a Smart City and a Weather Station in the classroom.

Every code composed in the graphic interface of the BECREO kit controls, through Arduino processing platform, electronic modules such as LED diodes, LCD display or servo motors, and collects data, making the projects interactive. Carefully composed tutorials conduct students through every step of creating a successful setup, while showcasing and gradually expanding their knowledge of coding.

BECREO KIT OFFERS 3 MODES OF LEARNING:

- a set of step-by-step tutorials designed to give students the necessary know-how on programming and the use of the electronic modules,
- a set of challenges which provides students with the opportunity to attempt solving open real-life issues. The know-how required to attempt these can be acquired by following the lessons,
- a free-to-play mode - students can access a blank workspace with free access to full compatibilities of the platform, engage their creativity and experiment freely.



BECREO kit is an open solution. It is fully compatible with Arduino and can be extended by various off-the-shelf electronic modules. It is designed to provide educators with a set of tools that will help them build interest in coding and mechatronics and empower their students to carry out meaningful tasks. Students can spend hours creating and learning. And once they have learnt the basics... the sky is the limit!

The box includes:

- a set of programmable electronic modules,
- Arduino UNO,
- BECREO I/O extension board with an OLED screen,
- a control board that we plug the electronic modules into,
- a set of narrative cards to place on the control board,
- a set of plastic connectors, that we use to plug the electronic modules into board or LEGO® blocks,
- a USB cable,
- a set of connector wires for the electronic modules.



Scottie Go!



Coding game for children and families

Scottie Go! is an innovative and smart app-based game for children which enables them to dive into coding adventures. The game features a friendly alien called Scottie whose spaceship breaks down and crash on Earth. Players will need to help Scottie to collect replacement parts for his spaceship by programming solutions to the game quests so he can fly back home.



Multiple assets, various difficulty levels, friendly characters of the game and gamification elements help to gain knowledge in an inspiring and interesting way. The players complete the quests with enthusiasm and focus on progressing through the game levels, following the successes of their work, and learning the secrets of coding. The game contains 60 quests of increasing difficulty. It is a great coding adventure for children and an entertaining family game.



Coding
game

Scottie Go! develop very important skills and competences such as:

- fundamental programming concepts such as: simple and complex commands, parameters, loops, conditional statements, variables, functions,
- analytical as well as logical thinking,
- ability to solve complex problems,
- teamwork and effective project development.



Scottie Go! box includes:

- 179 programming blocks in English and a blocks guide translated into Spanish, French and German,
- User manual in English, Spanish, French and German,
- An organiser to place programming blocks into designated spaces,
- A dedicated cardboard board to arrange programming blocks into lines of commands,
- A license code, valid for up to 2 devices.

App:



Tutorial languages:



Programming blocks may be customized to any of 23 languages after contacting us.

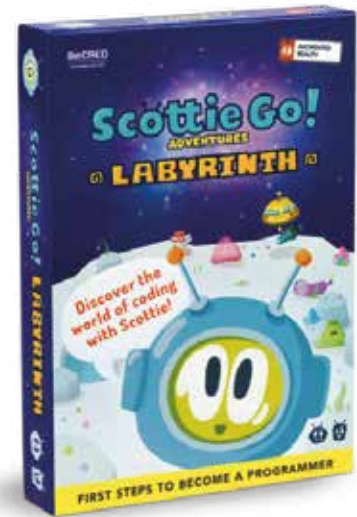
Operating systems:



Scottie Go!

ADVENTURES

LABYRINTH



Education game with coding App

Scottie Go! Labyrinth is an education game designed for kids to learn the basics of programming. The way children learn how to code is to help a friendly alien Scottie through playing the game. During an interstellar journey, Scottie ran out of crystals to power his ship and he must make an emergency landing on an unknown asteroid. To help Scottie find and collect the crystals needed for his onward journey, the player must install the Scottie Go! Labyrinth app on the smartphone or tablet and guide the movements of the alien by arranging a program with special programming blocks located in the box. After completing all quests correctly, Scottie will depart for a further galactic journey.

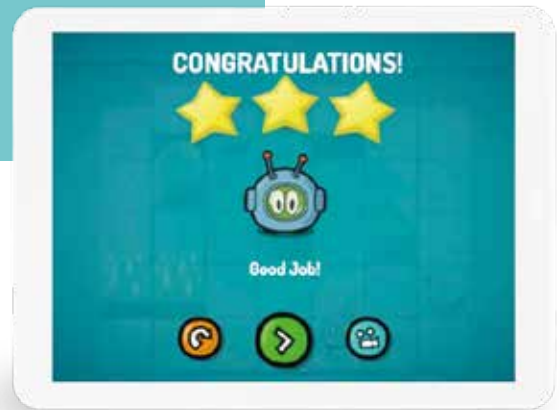


Coding adventure

Scottie Go! Labyrinth is a typical educational game combining the coding application with a traditional board game. It contains 52 quests of increasing difficulty. The innovative approach to learning programming makes use of various senses: movement, sight and touch make the coding game very interesting, dynamically.

Scottie Go! Labirynt develops very important skills and competences such as:

- basic programming concepts such as: simple and complex commands, parameters and loops,
- support the development of motor skills,
- teach logical thinking,
- promote work within a group of friends and peers.



Scottie Go! Labirynt set includes:

- 57 programming blocks,
- Instruction,
- An organizer,
- A licence code for Scottie Go! Labirynt app eligible for 2 devices.



App:



Tutorial languages:



Programming blocks may be customized to any of 23 languages after contacting us.

Operating systems:



Frequently asked questions:

	Scottie Go! for Education	Scottie Go! Dojo	Scottie Go! Basic	BECREO kit	Scottie Go! Labirynth	Scottie Go! Home version
How many boxes of the game do teachers need per every grade?	one box per 2-3 pupils	n/a	one box per 2-3 pupils	one box per 2 students	one box per 1-3 players	one box per 1-3 players
What is the age range for every product?	6-15	6-15	4-9	11-18	6-15	6-15
How many blocks are in the box?	179	n/a	47	n/a	57	179
For how many devices is the license key valid?	3	for 30 or 100 users for duration of a year	3	3	2	2
How many quests are included in the app?	91	-	24	n/a	52	91
Do I need an Internet access to play the game?	no, but the application requires acces to verify license	yes, you need it for the data synchronization and logging into the user profile	no, but the application requires acces to verify license	yes	no, but the application requires acces to verify license	no, but the application requires acces to verify license
Which applica-tion do I need to play each game?	Scottie Go! Edu 	Scottie Go! Dojo 	Scottie Go! Edu 	BECREO	Scottie Go! Labirynth 	Scottie Go! 

Cooperation with BeCREO Technologies

Our distribution network covers +70 countries with 70+ distributors spreaded all over the world!

A friendly alien, named Scottie, has been presented in over 20 000 schools helping students to learn programming. Computer science games play an important role to help children explore and understand the surrounding world, as well as to obtain key 21st Century competences.

We value the dialogue and cooperation with our Partners very much.

Understanding the needs and specifics of local diversified marketplaces we offer our Partners:

- Broad range of games in various languages,
- Attractive distribution terms and conditions,
- Special offers (e.g bundles, customizations),
- Marketing materials support,
- Personalised presentations,
- Technological support;

Our contact details:

Elżbieta Trubowicz-Gołuńska

General Manager

elzbieta.trubowicz-golunska@becreo.com

mobile: +48 606 609 203

Katarzyna Czarnecka

Senior Project Manager

katarzyna.czarnecka@becreo.com

mobile: +48 571 806 869

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