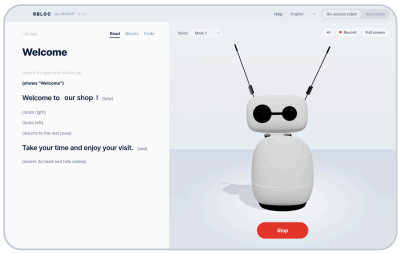
Our class greeter robot

Children write a greeting on paper. The robot on the big screen performs it as written. One lesson, taught from one computer.

Time	What you need	Preparation
One lesson · 40 min	**One teacher computer + a big screen**	**10 minutes**

1. The children write the robot's script on a **paper worksheet**: what it says, its expression, its gestures.
2. You copy a script onto the screen, and **the robot does exactly what is written**.
3. Everyone listens, and you **fix the awkward spots together.**



You don't need to have taught coding before. All you do on the computer in this lesson is change some text and press “Play”. No student devices, no real robot and no accounts are needed.

Preparation

- [ ] Install RBLOC and go through the **step-by-step card** once. 5 minutes, plus a few minutes of voice download on first run.
- [ ] Print one **worksheet** per child. Black and white is fine.
- [ ] Check that **sound comes out of the big screen** in your classroom.

How the lesson runs

Min	What happens	What you say
5 min	**The human robot game** No computer. One child is the robot. The class gives one order at a time: “bow”, “smile”, “say hello”.	“ **A robot does only what it is told, in the order it is told.** ” “ **What happens to anything we didn't tell it?** ”
5 min	**Look at a real script** Play the sample “Welcome” on the big screen, then find the “spoken words” and the “(instructions in brackets)” in the script on the left.	“ **Where in the script does it say what the robot just did?** ” “ **Today we are going to write the script for our own class greeter robot.** ”
12 min	**Write the script on paper** On the worksheet: two or three lines to greet a visitor to our class, one expression, and a gesture per line. Early finishers read theirs aloud to a partner.	“ **Paper first. The robot performs exactly what you write.** ” “ **Make it easy for the robot to read: one thing per line.** ”
13 min	**The robot performs** Copy a volunteer's script onto the screen and press “Play”. After listening, the class changes one thing and you play it again. Do this for two or three children.	“ **Now you've heard it, what would you like to change?** ” “ **I'm new to this too. Let's find out together.** ” You can say exactly this whenever you're stuck.
5 min	**Share and look back** Partners swap worksheets, read, and say one thing they liked. Everyone writes the two reflection lines.	“ **Tell your partner: I liked the part where you wrote ....** ” “ **What would you like the robot to do next time?** ”

If this happens

If	Then
The robot doesn't speak	Check the speaker icon (top right of the stage) and the big screen's volume. On the first day, wait until the bottom bar fills (voice data downloading).
The robot still says the old words	**Click once outside the field** you changed, then press "Play".
A child's line is too long	" **Shall we split it into two sentences, so the robot can take a breath?** " Take out one more block and split the line. Fixing one line is enough.
It reads numbers or abbreviations strangely	Write them out the way they should sound ("4B" → "four B"). " **Good find. The robot reads only what is written.** "
A child wants an expression that isn't on the worksheet	That's a good thing. Click the field on the "show ○○" block and more than 80 expressions appear. Choose one together with the child.
Everyone wants theirs played	Two or three today. Collect the sheets; play more at break or next lesson.
I don't know the answer either	" **I'm new to this too. Let's find out together.** " Finding out together in front of the children is this lesson's best example.

Easier
Keep the words and change only "our shop" in the script to your class's name. Then just choose an expression. Younger children enjoy stopping here.

Further
Write two greetings for different visitors (a new classmate, the head of the school) and compare. Add one "dance" block for a welcome dance.

Fit it to your classroom

Tablets or Chromebooks
Use this pack as it is. The children write on paper; one teacher computer is the only screen needed.

Computer room or laptops
Windows · Mac. Paper first, then each child copies it across with the step-by-step card. Earphones help.

A real robot
Create on screen and use "Real robot" only for the final performance. Put it in the middle of a desk.

What to look for

Not a marking table: a way of watching the children during the lesson. The worksheet itself is the finished work.

Independently
Writes words, expression and gestures alone and, after hearing it, finds what to change unaided.

With a little help
Writes a script from an example or with a partner's help, and changes one thing.

Together
Writes one line together with the teacher and chooses an expression or a gesture.

Where it can be used

Language · writing and revising a script · **Language · speaking, listening, presenting** · **Computing · instructions in order** · **Project or club time** · **Flexible school time** · **Start-of-year class building**

The children write for a listener, hear it aloud and revise. "Instructions in order" is part of that.

Next lesson: "The robot introduces me" or "The quiz robot", on the same worksheet layout.

Name _____ Class _____ Date _____

Write a script for the robot

Today's task Write the script for a robot that greets visitors to our class.

One The robot does only what is written.

Two The robot does it in the order it is written.

(opens its eyes and wakes up)

Expression ◯ Welcome ◯ Laughing ◯ Proud ◯ Shy ◯ Surprised ◯ My own _____

First line

_____

_____

As it speaks ◯ bow ◯ nod ◯ wave antennas ◯ tilt head ◯ look around ◯ shrug

Second line

_____

_____

As it speaks ◯ bow ◯ nod ◯ wave antennas ◯ tilt head ◯ look around ◯ shrug

Third line if you want to write more

_____

_____

As it speaks ◯ bow ◯ nod ◯ wave antennas ◯ tilt head ◯ look around ◯ shrug

(lowers its head and falls asleep)

When you have finished

- ☐ I read it aloud to my partner.
- ☐ I read it again and changed one thing.

What my partner said

"I liked the part where you wrote _____."

What I found out today

_____

_____

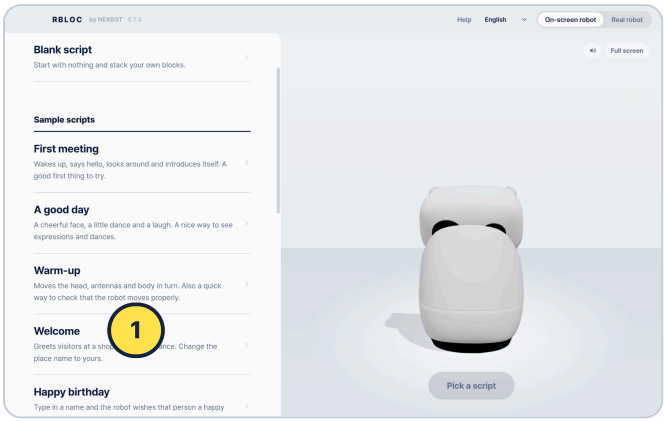
What I want the robot to do next time

_____

_____

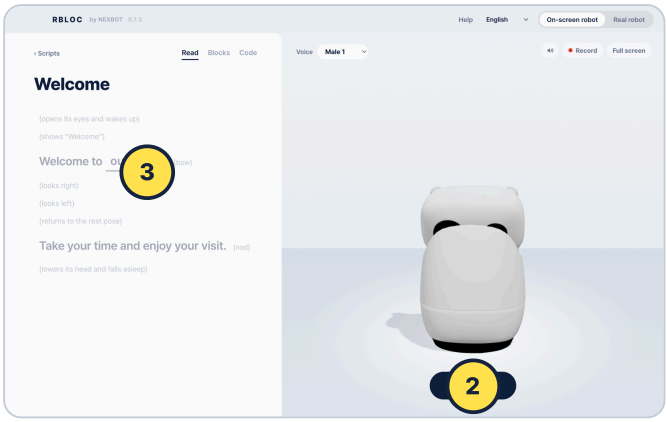
Five steps is all it takes

Teachers: go through it once before the lesson. In a room with computers, the children follow it as they work.



1 Open the sample

Open RBLOC and press “New script” at the bottom. Under Sample scripts, choose **“Welcome”**.

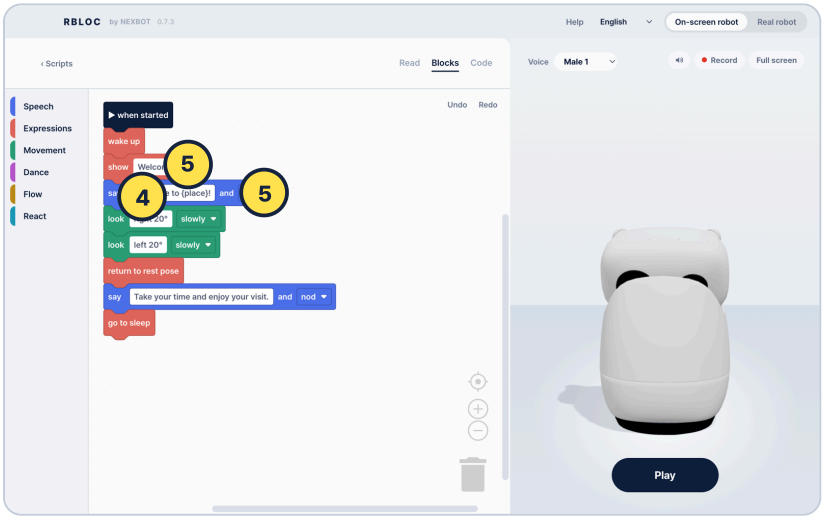


2 Press “Play”

The robot opens its eyes and performs. In the script on the left, the current line is highlighted in yellow.

3 Turn “our shop” into your class

Click **“our shop”** in the script and change it to something like “Class 4B”. Press “Play” again.



4 Change the words

Click a **spoken line** in the script and the app switches to the block view. Click the text in the white field and change it to what is on the worksheet. Then click once outside the field.

5 Choose a gesture and an expression

Click the **“bow”** field next to the words for gestures, and the **“Welcome”** field in the block above for expressions. Choose, then press “Play”.

Saving is automatic

There is no save button. Everything is kept as you change it.

Back to the script

Press “Read” at the top to see it as text again.

Showing it large

Press “Full screen” at the top right of the stage to show the robot on its own.

What kind of program RBLOC is

Handed over by a teacher who is asking for RBLOC to be installed. All of it is plain fact.

What it is	A **free educational program**: an on-screen 3D robot speaks and moves according to a script the children write. No ads, no paid features.
Where it is installed	**One teacher computer** is enough; nothing is installed on children's devices. Windows 10 · 11 (64-bit) or Mac (Apple silicon, M1 or later). About 150MB.
Accounts	**None.** Neither teachers nor children sign up or log in.
Children's information	**Not collected.** No names, accounts, device IDs or IP addresses. Scripts and videos stay on that computer and are not sent anywhere. The robot's speech is also generated on the computer.
Internet	Once, the first time it opens, it downloads the voice data (about 380MB). **After that, lessons can run without the internet.**
What the program sends and receives over the internet	① First run: the voice data ② Each time it opens: a check for a new version (downloaded and switched to, if there is one) ③ Each time it opens: one line saying "it was opened" ④ First use of a real robot: the program that moves the robot. The only place contacted is `dl.rbloc.app`.
What ③ contains	App version, operating system, computer's language, whether a real robot was ever used, and "first time opened today · this week · this month · since installation". No identifying number is created. **"Send anonymous usage counts" can be switched off** (click the version number, top left).
The blue Windows window	If "Windows protected your PC" appears, click "More info" → "Run anyway". Windows shows it once, when a newly released app is first installed.
Voice	AI speech synthesis, not a recording of a person. There is no generative-AI chat. The robot says only what is written in the script.
Uninstalling	Windows: Settings → Apps → RBLOC → Uninstall · Mac: RBLOC → Trash
Made by	NEXBOT · OliveStory Corp. (Republic of Korea) · nexbot.me
Download · questions	`rbloc.app` · Guide `docs.rbloc.app/en` · Terms `docs.rbloc.app/en/terms` **support@rbloc.app**