PlayBotix

Age 9/10

Lesson 1
Dancing and Robotics

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Dancing and Robotics

Classical

Today you are going to see if you can make the robot dance. Before we do that it is good to think about how a robot can move. Do the following tasks.

1. You are going to listen to a song. Think about what movements you can make to this song (how would you dance to this song)

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2. Can a robot do all the dance moves you do?

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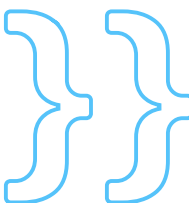
3. Think of what movements the robot can make that match the song.
Please note: the robot does not have to dance the entire song, a part is also fine.

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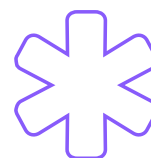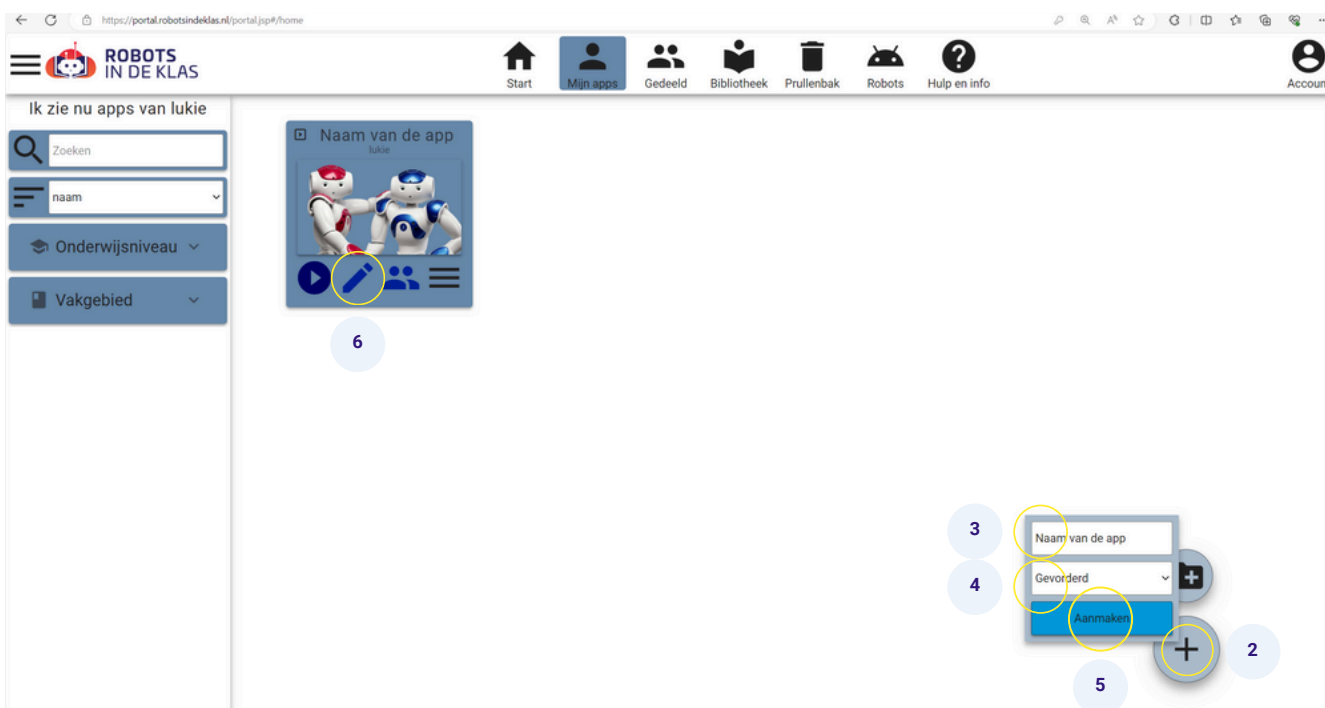..

Independent

Grab your laptop/tablet and go to playbotix.io

1. Log in with your credentials
2. Create a new app by clicking on the large plus sign at the bottom right.
3. Name the app Dancing 1
4. Select 'Advanced' instead of 'Basic'
5. Click on create
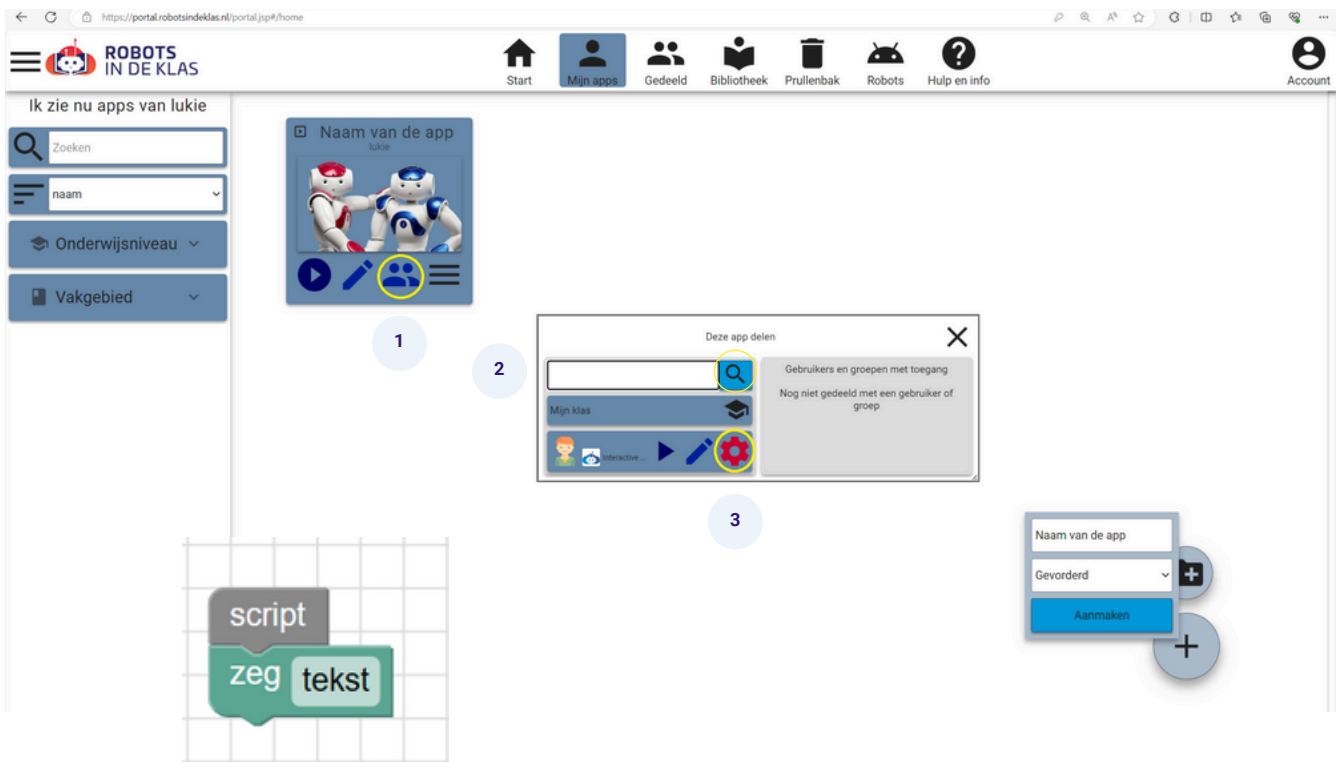6. Click on the pencil next to the new app

We are going to work with the robot. The robot really wants to make a number of movements that fit the song. Let the robot make a number of movements. You can use the blocks of 'Speech and Gestures' and 'Actions'.

Attention! Make sure you attach the blocks to script. See example below.

When this assignment is finished, you may share it with the teacher. To do this, follow these steps:

1. Click on the two figures.
2. Enter the name of the teacher.
3. Click on the gear

Ready? Complete the next assignment

The robot can dance. Let the robot tell you where it likes to dance and then let the robot dance. Finally, you can let the robot tell you why dancing is so much fun. You also use the blocks from 'Speech and gestures' and 'Actions' for this.

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Reflection

I can make an app myself	🙂	🤨?
I know I have to attach the blocks to 'script' I can make the robot show emotions	🙂	🤨?
I can find the right blocks	🙂	🤨?
I can share my app with the teacher	🙂	🤨?

🙂 I get it

🤨? I still have questions