Wooden puzzle AR

Expanding the world of education

INSTRUCTIONS

ATTENTION! **To use the Augmented Reality (AR) puzzle, you must download and install an application.**

The Puzzle AR mobile app from EduSense adds a new dimension to learning programming. Together with the wooden Puzzle AR set, coding becomes more fun and educational. The AR puzzle pieces can be used stand-alone or integrated with other Ozobot puzzle pieces.

Minimum Android requirements:
At least 2GB of memory, 1GHz dual-core processor or above, Android OS 5.0 or higher.

Minimum iOS requirements:
iPhone 5s and above, or 4th generation iPad and above. IOS version 9 or higher.

Join our Facebook group to discover loads of #ARChallenges and ask any questions you may have about using the app. The group can also be used to submit requests for new virtual objects you'd like to see. Additionally, our EduSense Academy has a number of AR tasks and lessons you can work through.

www.facebook.com/groups/UczymyDzieciProgramowac

www.academy.edu-sense.com

Start your adventure into the world of AR by watching our film at:

www.puzzleAR.com

HOW DO YOU DOWNLOAD THE FREE PUZZLE AR APP?

Find the application on the Apple App Store or Google Play Store

puzzle AR

- Search for PuzzleAR or EduSense and look for the app icon opposite

- Alternatively, you can follow the directions below

Step 01

On your smartphone or tablet open a browser and go to
www.puzzleAR.com
On the website, you'll find how-to videos, frequently asked questions and other relevant information.
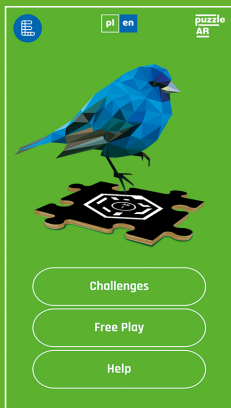
Step 02

Click the appropriate button for your device (Google Play for Android and App Store for iOS); you'll be taken automatically to the app's store page.

GET IT ON **Google Play**

Download on the **App Store**

Step 03

Click **INSTALL** / **DOWNLOAD** and the application will automatically download and install on your device.

HOW DOES IT WORK?

Step 01

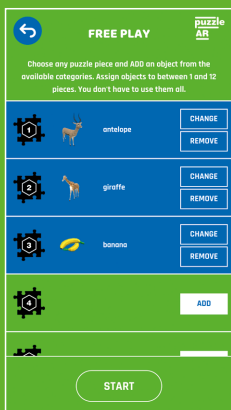After opening the application, you'll see the main screen and 3 buttons:

CHALLENGES
– this tab includes creative tasks

FREE PLAY
– allows you to use your own imagination and play freely with the Augmented Reality features

HOW TO USE
– brief instructions with a description of the two functions above

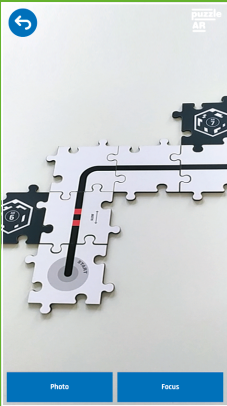## Step 02

In FREE PLAY mode, the objects displayed in the AR world are decided by you.

After selecting this option, a list of 12 numbered puzzle pieces appears on-screen. These match exactly the numbers on the wooden pieces in the Puzzle AR box. For each puzzle piece, you'll see an ADD button. Clicking the button brings up a list of objects that can be selected and assigned to the puzzle piece. Assign objects to as many pieces as you like, you don't have to use them all. If you change your mind, go back and CHANGE or DELETE the object assigned to a puzzle piece.
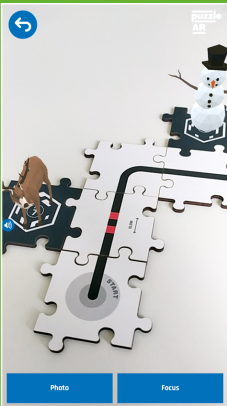
When you've finished, click START

Step 03

After clicking START your device's camera will turn on and enter augmented reality mode. Direct the camera towards the wooden puzzle pieces that match the ones on your device you assigned objects to in the previous step.

For example, if we assigned a deer to puzzle piece 1 and a snowman to puzzle piece 2, then the wooden version of these pieces should be in view of the camera.

Step 04

Making sure the puzzle pieces are displayed in the camera lens; you'll see an on-screen 3D version of the object you assigned to each piece. View the objects from different angles by moving the device.

For some objects, a speaker icon will be available which you can click to play its characteristic sound.
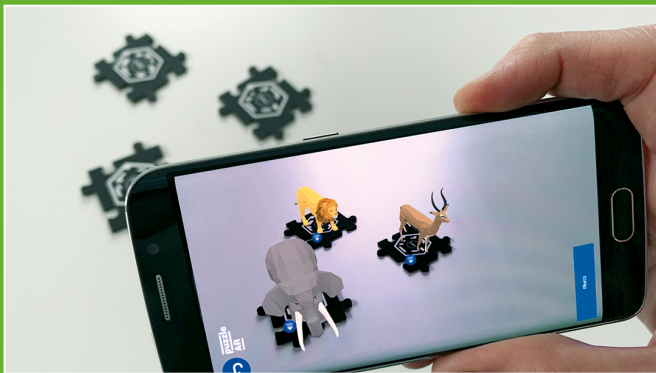
APPLIED EXAMPLES

WORKING WITH OZOBOT

The AR puzzle pieces are designed to interconnect flawlessly with those in the Ozobot puzzle sets. Route building for Ozobot becomes even more fun and educational. Your child can add plants, road signs, animals and a whole host of other objects to Ozobot's journey. Don't forget, each object may also play a sound!

Almost every lesson scenario in the books and EduSense Academy can be complemented with Augmented Reality (provided the required 3D objects are available in the database). Add AR puzzle pieces and see a new world created for Ozobot on your device. If an on-screen object has a speaker icon, click it to hear the sound. See the true 3D nature of Ozobot's world by moving the device to view the virtual objects from a different angle, or even close-up.

WORKING WITHOUT OZOBOT

You don't need an Ozobot or Ozobot wooden puzzle set to use Puzzle AR. **FREE PLAY** mode allows you to decide which object to display for each given puzzle piece.

Use **FREE PLAY** and the AR puzzle pieces to create your own engaging lesson scenarios. The 3D interactive nature of activities is a memorable way for children to learn. Exploring a virtual 3D animal and hearing its sound, is a far more exciting experience than seeing it in a book.

If you don't know how to assign objects to puzzle pieces, then please follow the instructions on pages 4 and 5 or watch the how-to video at **www.puzzleAR.com**

The number of objects available in the Puzzle AR app will continue to grow. If you have suggestions about what you'd like to see, then please join our Facebook group and let us know!

THE SET CONTAINS 12 NUMBERED WOODEN PUZZLE PIECES.
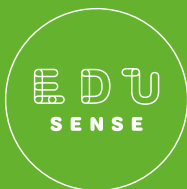
CE

MADE IN POLAND

NOTE
Keep clean. Wipe with a dry cloth if dirty.

WARNING!
Not suitable for children under 36 months old. May contain small pieces that can be swallowed or become lodged in the respiratory tract.

MANUFACTURER
EduSense Sp. z o.o.
Ul. Dobrzańskiego 3
20-262 Lublin, Poland

EDU
SENSE