

GAMELAND ESCAPE ROOM OBJECT TAGGING GUIDE

To play the Alice at Gameland Escape Room, you need to set up the game room so that you have the best conditions for playing. This involves placing objects with NFC tags inside the game room. These objects interacting with the smartphone, (placed in the vicinity of the NFC reader) will allow the user to answer the puzzles proposed by the game. This file is intended to guide you in tagging the objects.

NFC Tool

What we call a 'smart object' is no different from any kind of tangible educational material enriched with NFC technology. To enhance teaching materials or other objects with this technology, we need to apply an NFC sensor to them. This component interacts with the smartphone. There are different types of NFC sensors available; the ones we need are Sticker Tags [Figure 1]: this allows you to simply apply the sticker to the toy or object you intend to use and tag it by writing a code on it.

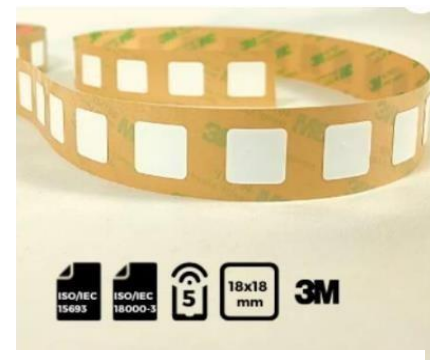


Figure 1. Sticker Tags

Links to recommended NFC tags:

[\[https://www.shopnfc.com/it/sticker-nfc/238-739-tag-nfc-ntag213-25-mm-adesivi.html#/29-personalizzazione-no\]](https://www.shopnfc.com/it/sticker-nfc/238-739-tag-nfc-ntag213-25-mm-adesivi.html#/29-personalizzazione-no)

The costs depend on the quantity of NFC bought. This company guarantees fast shipment all over the world.

Writing a code on an NFC sticker is very simple and quick. You can use a smartphone and one of the many free tools available online. You will need an app that can be downloaded to your smartphone. Follow these simple steps:

1. First, check the settings of your smartphone to make sure that the NFC option is turned on.
2. Now, you can download and install one of the many free tools used to write and read codes from NFC sensors. For example, "NFC Tools" can be found on Google Play Store and Apple App Store [Figure 2]."

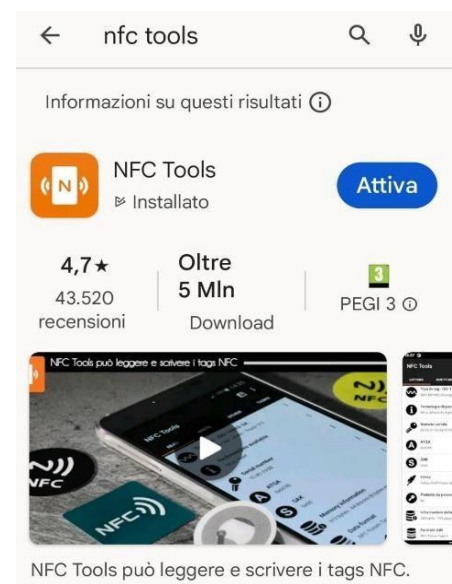


Figure 2. NFC Tools App

How to create your smart object

To make your tangible object interactive, you will need to use the NFC Tools App. Follow these simple steps:

1. Open the NFC Tools App on your smartphone. [Figure 1]

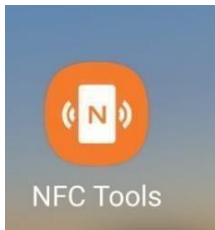


Figure 1. NFC Tools App icon

2. Click on WRITE (a) and then on ADD FIELD (b). [Figure 2]

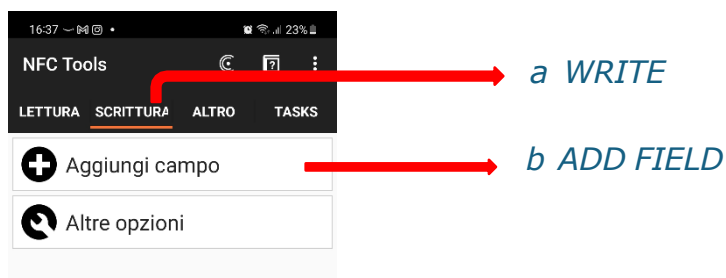


Figure 2. NFC Tools - step 1

3. Click on TEXT (c) [Figure 3]

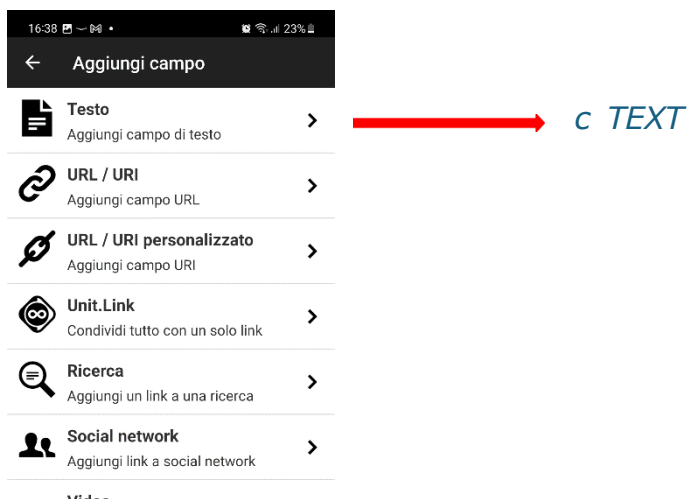


Figure 3. NFC Tools - step 2

4. Write the code (d) you have chosen in the EDITOR for that TAG and click "OK" (e) [Figure 4].

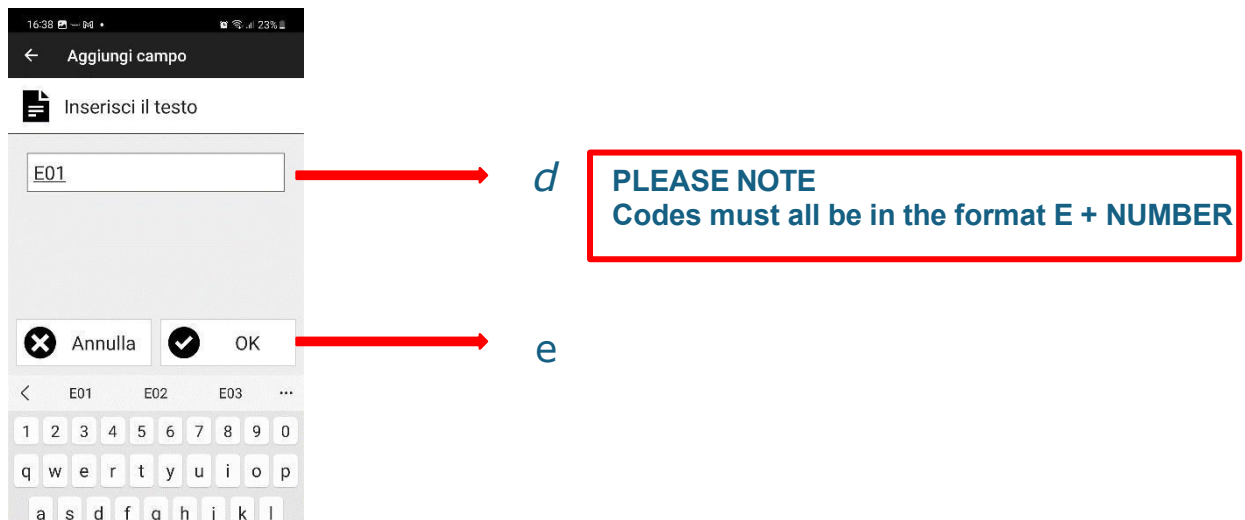


Figure 4. NFC Tools - step 3

5. Click on Write/10 Bytes (f) [Figura 5]



Figure 5. NFC Tools - step 4

6. Bring the sensor close to the phone's NFC device, usually located on the back near the camera. [Figure 6]

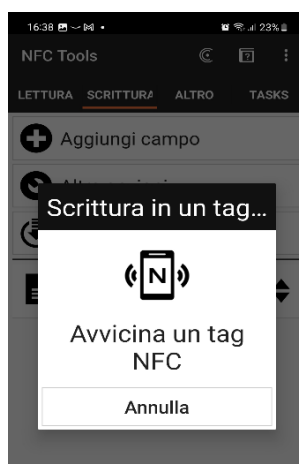
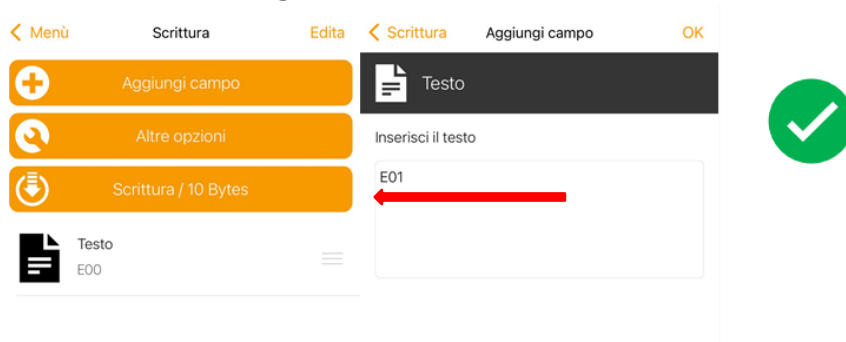


Figure 6. NFC Tools - step 4

7. Wait for the WRITING signal (WRITE COMPLETE)
8. To tag a new NFC, click on 'Text', MODIFY the previous text and then click on 'Write' again.

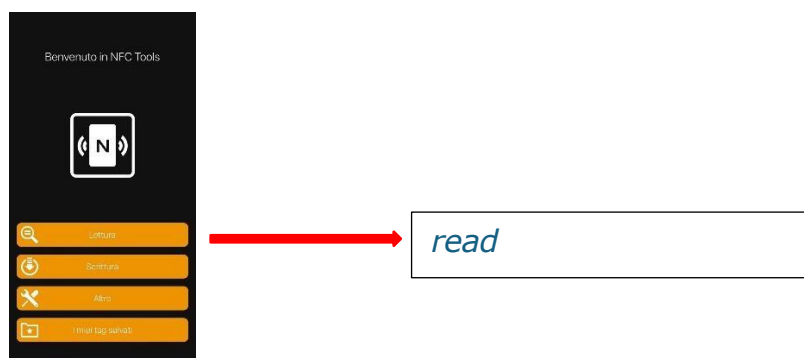


ATTENTION: ONLY ONE 'TEXT' FIELD MUST EXIST BEFORE YOU CAN CONTINUE WRITING.



If you make a mistake, simply delete the other text and write again.

9. If you want to read the code on the tag again after tagging, simply return to the home page and click 'Read'.



LIST OF OBJECTS AND CODES FOR THE HEXAPE ROOM "ALICE IN GAMELAND"

Code	Object	Location	Riddle
E00	Gameland Information sheet		Access to the game
E01	Empty French playing cards box		9
E02	Poster of a Dodo		3
E03	King of Hearts card		Distractor
E04	Poster of the Cheshmire cat		Distractor
E05	Textbook		1
E06	Wall-mounted map		4
E07	Queen of Hearts card		6
E08	Poster of albatross chick		Distractor
E09	Lunch box with sticker "Eat me" and "Drink me"		2
E10	Notebook	Near the poster of the Cheshmire cat	8
E11	Coffee cup		Distractor
E12	Teapot		5
E13	Entrance door		10
E14	Knave of Hearts card		7
E15	Novel book		Distractor
E16	Any window in the room		Distractor

Some of the items are posters/images that need to be placed in the room. You can find additional material on the website on the page dedicated to Alice in Gameland by clicking on the button "Addition materials".

[Additional materials >](#)

Inside the file there is a page with graphics created for printing stickers that are useful for making game objects more recognisable and for covering the NFC tag.

Important notes:

Ensure that NFC-equipped objects are not metallic or magnetic and are not placed in close proximity to metallic or magnetic objects as this may interfere with the correct reading of the tag by the NFC-equipped smartphone.

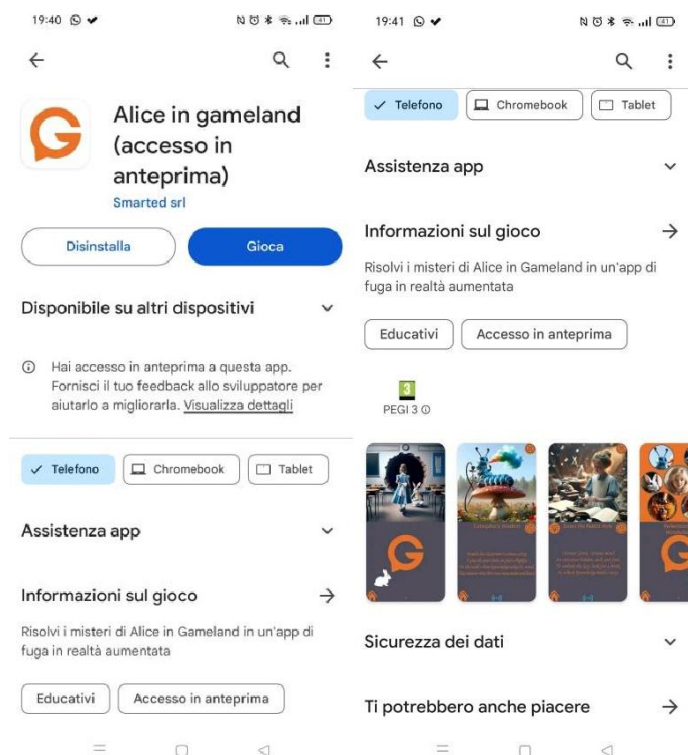
After:

- tagged the NFC stickers (written the code on each one);
- positioned the NFCs at each object (take care to respect the code-object matching in the table);
- positioned the objects inside the classroom.

All you have to do is download the Alice in Gameland app to your phone (Android only), open it and start playing.

LINK TO PLAY STORE:

[\[https://play.google.com/store/apps/details?id=it.smarted.gameland\]](https://play.google.com/store/apps/details?id=it.smarted.gameland)



Enjoy your trip to Gameland!