



DGB - vom analogen Programmieren zur Robotik in der Schule



Klaus-Jürgen Spätauf

Agenda

Dienstag, 19.03.2024

 Analog

 Digital

 Robotik

 + one more thing 



Vorarbeit



Wegbeschreibung

Analoges



Programmieren

Programmieren



mit Smarties

APPS

INTERNET

APPS



Tynker



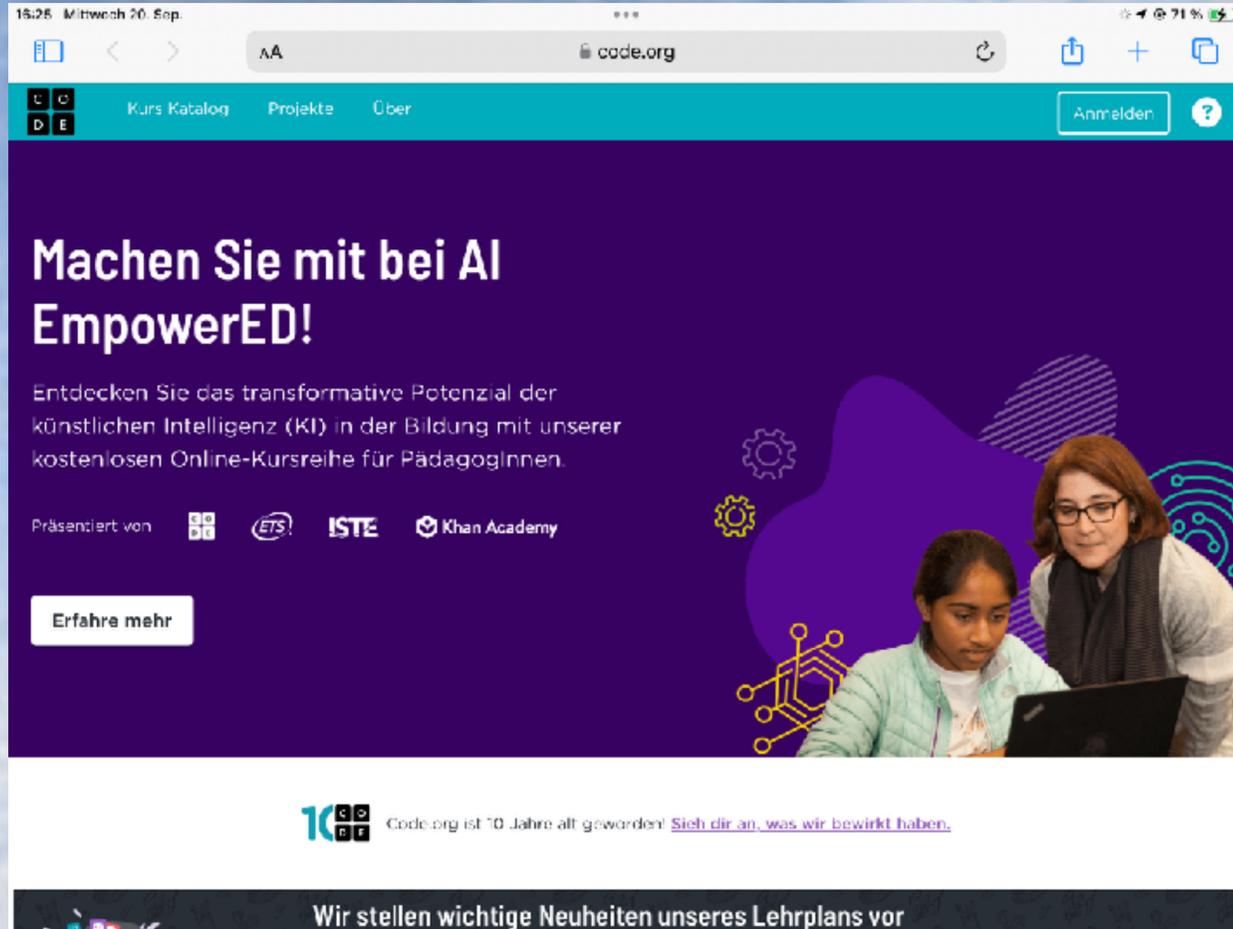
Scratch JR



Swift Playgrounds



INTERNET



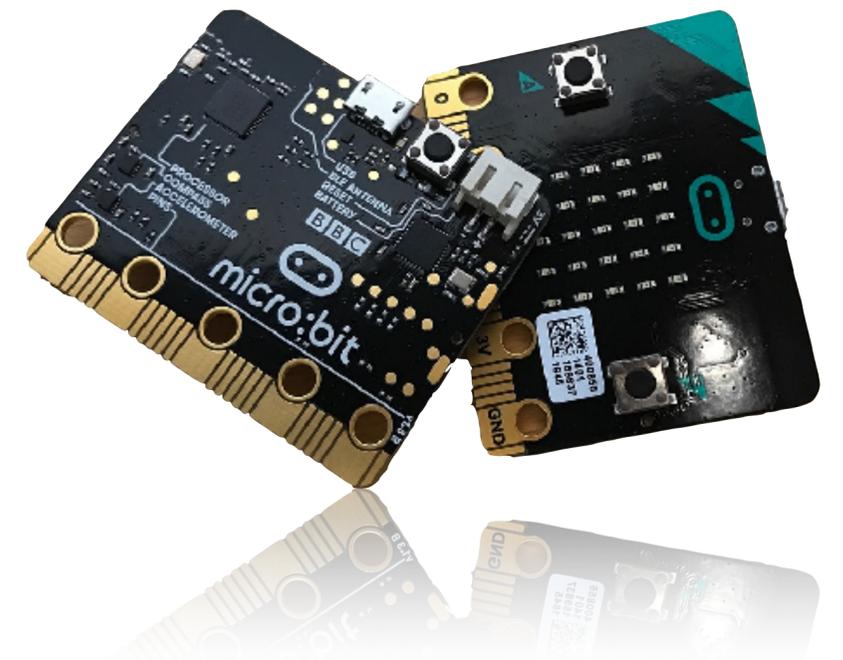
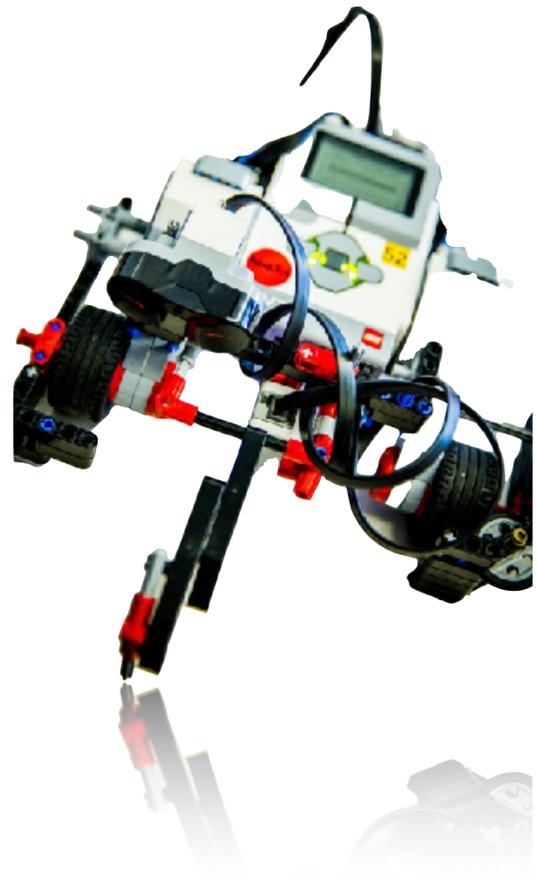
www.code.org



<https://programmieren.wdrmaus.de/lernspiel/00>



Robotik





Beebot
Material Lehrerweb



BlueBot

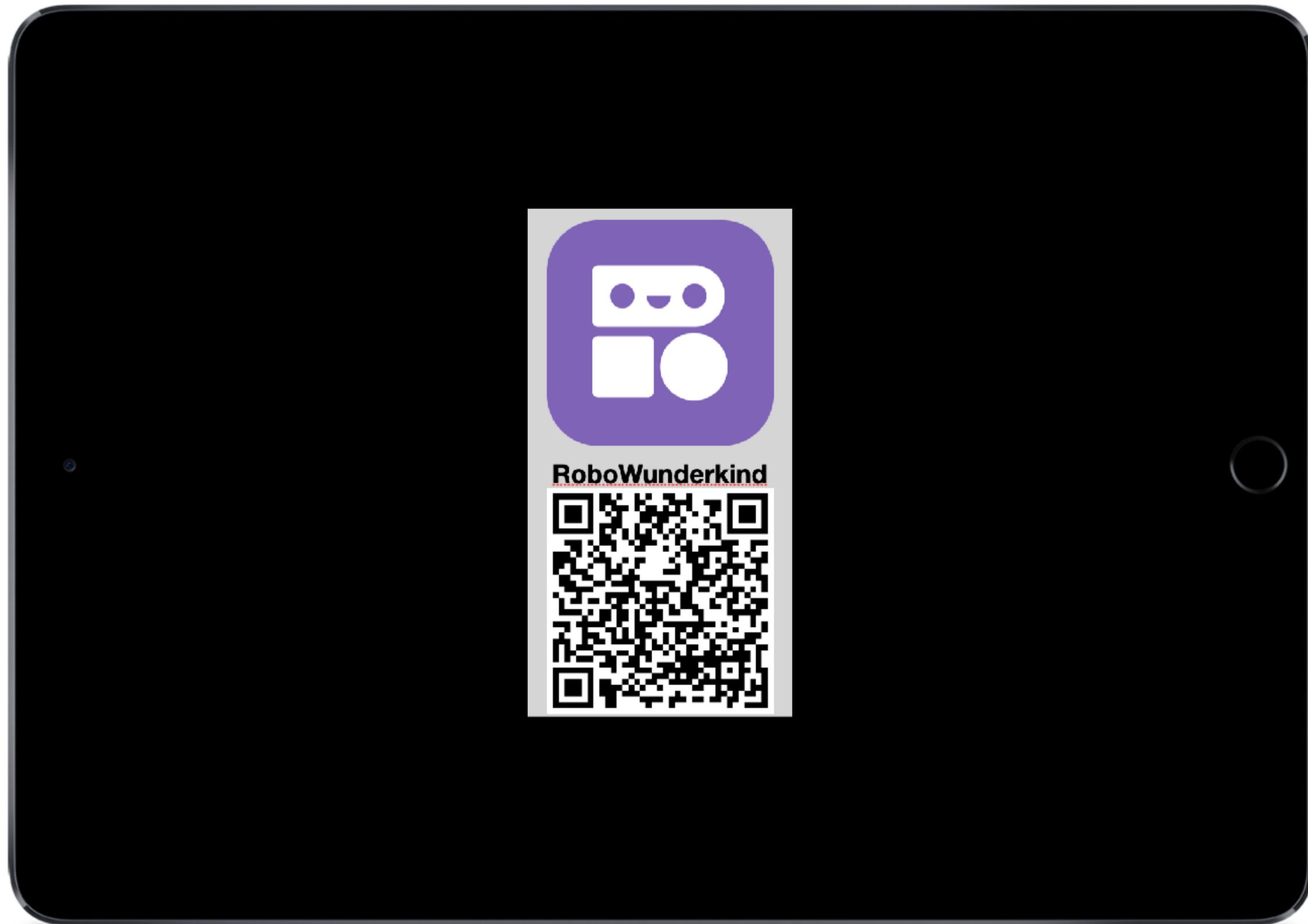


BeeBot





RoboWunderkind
Lehrer:innen Material



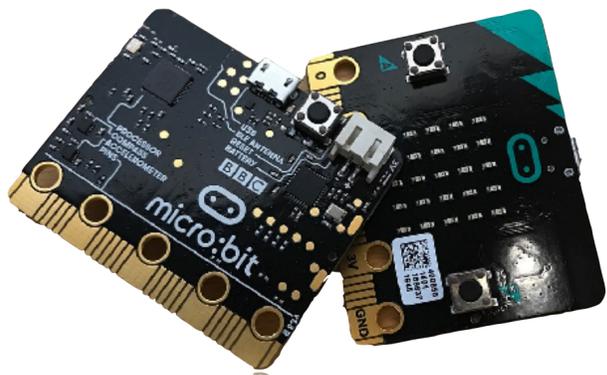


**Sphero
Education Space**



Robotik



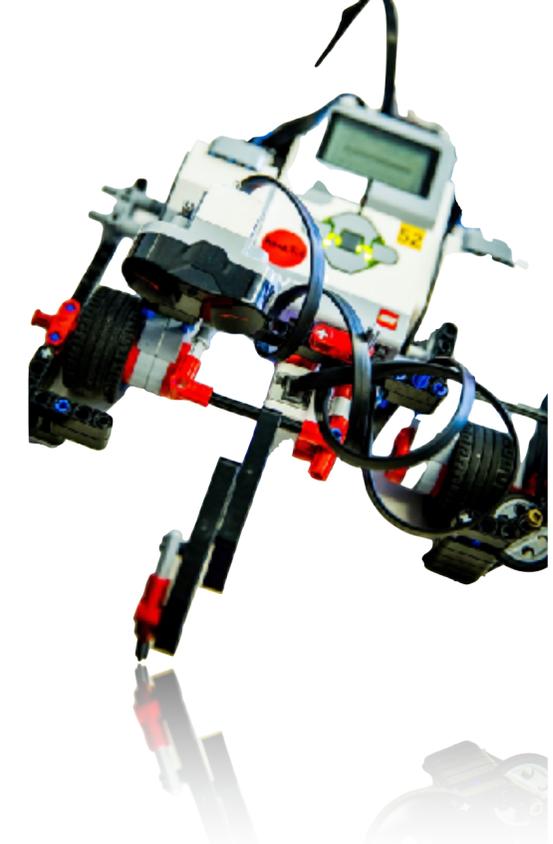


Microbit
Stundenbilder (engl.)

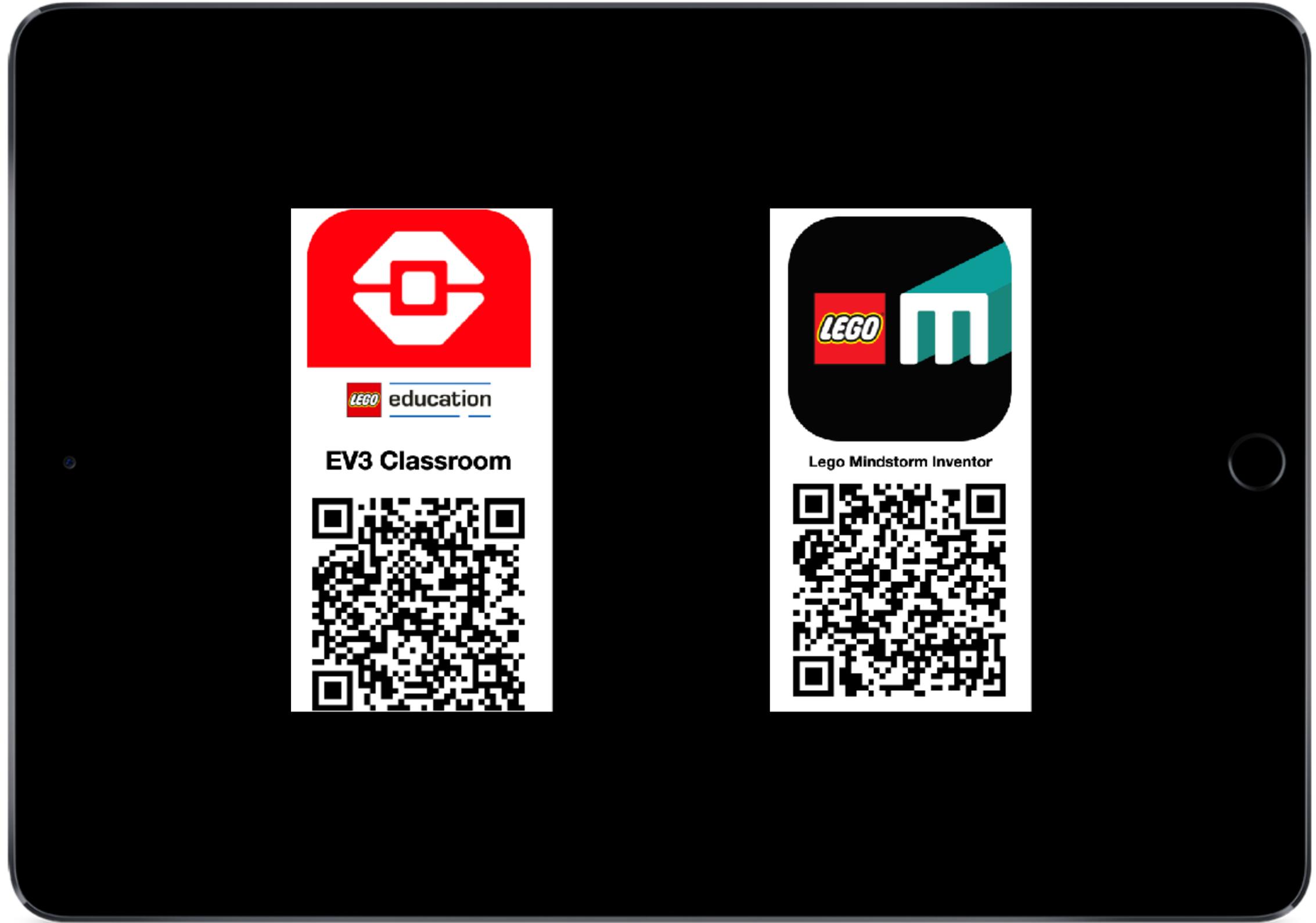


Microbit





Lego Education
Lehrer:innen Material



LEGO education

EV3 Classroom



Lego Mindstorm Inventor



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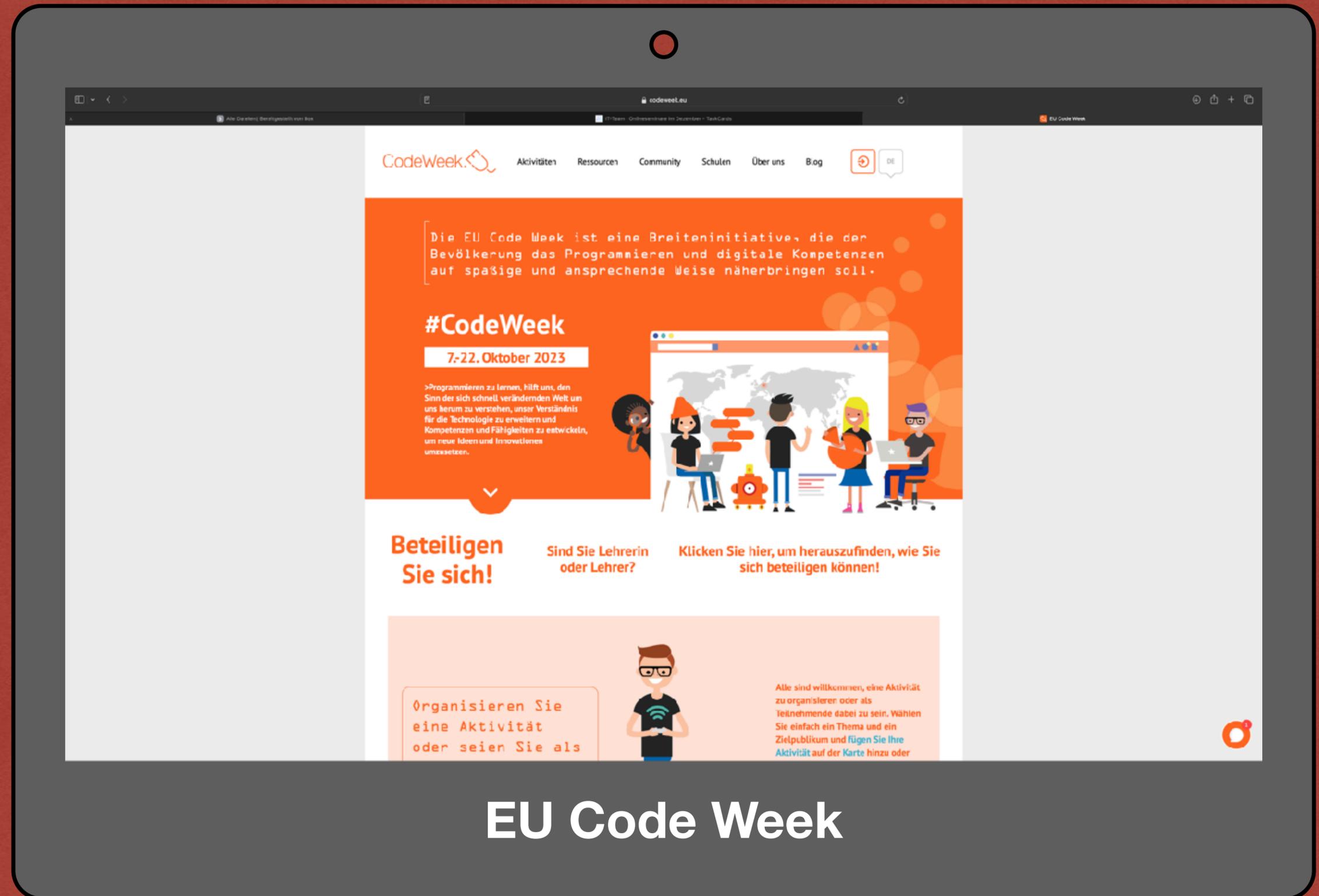
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EU Code Week

A young boy in a blue NASA-branded shirt is leaning over a table, focused on a LEGO Mindstorms robot. The table is covered with a large, colorful printed map of a school campus, featuring various buildings, green spaces, and paths. Several other LEGO robots are scattered across the map. In the background, other people, including a woman in a patterned sweater and another boy in a blue NASA shirt, are visible, suggesting a workshop or classroom setting. The text "Programmiere deinen Unterricht!" is overlaid in large white letters across the center of the image.

Programmiere deinen Unterricht!

Thank You

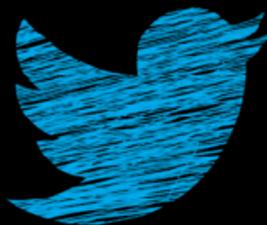
MATERIALIEN



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