Programming-literacy:
A core skills of a digital society

Germany is facing a shortage of skilled workers. With almost 150,000 unfilled positions in the STEM sector (2021), the trend indicates an increasing demand in future years. Programming-literacy, moreover continues to grow in it's role as the corner stone of today's digital society. Establishing basic programming skills at elementary level and getting children involved in technical topics at an early age is a vital measure to counteract these challenges.

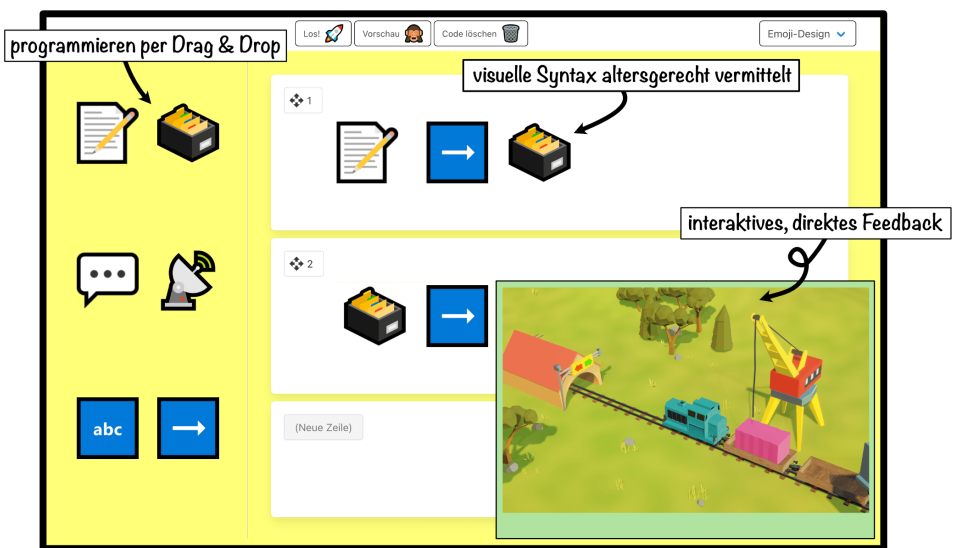But, learning to program is tied to an array of obstacles:

1. Strong reading skills required

2. High abstraction capacity necessary

3. Programming is error-prone

4. Teachers require expertise

codeklasse founders
Sergej Grilborzer & Liam Kranz

To overcome these hurdles, codeklasse develops an age-appropriate, visual approach to programming using emojis and a 3D space to visualise program execution. Ready-made course modules as well as an intelligent feedback mechanism enable teachers to use the platform without having prior programming experience.

programmieren per Drag & Drop

visuelle Syntax altersgerecht vermittelt

interaktives, direktes Feedback

Los! | Vorschau | Code löschen | Emoji-Design

1

2

abc

(Neue Zeile)

sergej@codeklasse.de

+49 162 3292 122

codeklasse.de

github.com/codeklasse