



## Gamelearning at the Werkstatt Berufskolleg School

Gamelearning is an innovative teaching method that has become established at the Werkstatt Berufskolleg school. This school offers a wide range of vocational training in the fields of crafts, technology and business. Gamelearning enables students to learn and improve their practical skills in a playful and interactive way.

Werkstatt Berufskolleg Schule uses gamelearning in various ways. One of the most successful games used in the school is Minecraft. In Minecraft, students can use their creativity and build virtual objects such as houses, bridges and machines. This promotes their spatial thinking, planning skills and hand-eye coordination. The pupils also work together in groups to realise larger projects and improve their teamwork. Another advantage of Minecraft is that it is perfect for the school's vocational fields. For example, students can use Minecraft to build a virtual workshop or warehouse to better understand how these facilities work.

Another game used in the vocational school workshop is the simulator. This software allows students to virtually experience different professions and work environments. For example, they can use a flight simulator to learn how to fly, or a car mechanic simulator to practice repairing cars. The advantage of simulators is that they give students the opportunity to gain practical experience without risk and under the guidance of teachers. This way they can improve their skills before applying them in the real world.

Kahoot is another game used in the Berufskolleg Schule workshop. It is a quiz software that allows students to test and deepen their knowledge on different topics. Teachers can create their own quiz questions or use ready-made questions. Students can answer the questions on their smartphones or computers, which makes the learning environment even more interactive. Results are displayed immediately, giving students quick feedback on their progress.

Werkstatt Berufskolleg Schule also uses other types of games to motivate students and keep them interested. For example, in an Escape Room game they can solve different challenges to escape from a room. This type of game encourages their critical thinking, problem-solving skills and collaboration.

Die Erfahrungen mit Gamelearning an der Werkstatt Berufskolleg Schule sind durchweg positiv. Die Schülerinnen und Schüler sind motiviert, weil sie die Möglichkeit haben, auf spielerische Art und Weise zu lernen und zu experimentieren.