



## Career Pathway & Common Core Standards Correlation with MOUSE Squad Curriculum

MOUSE Squad, an innovative youth development program, prepares students to become digital media and technology experts in their schools, improving the use of technology to enhance learning, while also building confidence and developing skills for 21st century innovation. The MOUSE Squad curriculum incorporates both California Career-Technical Education Standards and California Common Core Standards and National Education Technology Standards (NETS) within its 10 modules and 2 specialized certifications.

California has recently made two important changes in public education:

1. Adopting Common Core State Standards in K-12 Education and adding Next Generation Science Standards for STEM
2. Updating Career Pathway Standards in Career-Technical Education (CTE)

In Career-Technical Education, California has established 15 industry sectors, with several career pathways in each sector. In the Information and Communication Technologies (ICT) industry sector, there are four career pathways. MOUSE Squad students are involved in many of the CTE standards in the Information Support and Services pathway, as well as some of the standards in the Networking, Software and Systems Development, and Games and Simulations pathways.

In MOUSE Squad Modules 1-10, students learn Pathway A, Information Support and Services standards. In MOUSE Squad Module 9, Networking, students become competent in Pathway B, Networking standards. MOUSE Squad students pursuing the Garage Robotics certification experience Pathway C, Software and Systems Development standards. MOUSE Squad students pursuing the Serious Games certification acquire skills within Pathway D, Games and Simulations standards. The CTE standards used in each MOUSE Squad module are shown on the attached matrix.

In recognizing that the Career Pathway Standards also use many of the Common Core academic standards, California Department of Education has aligned Common Core English Language Arts, Mathematics, Science, and History/Social Science standards with the appropriate Career Pathway Standards. This alignment of the academic standards with the CTE pathway standards is also shown on the attached matrix.

*This standards alignment matrix was produced by Eileen Becker, Susan Peers, and Juanita Croft.*