CENTENNIAL REGIONAL HIGH SCHOOL
COURSE OUTLINE

Subject: Ideas and Exploration of technology   Level: Cycle 2, year 3

Course Description and Objectives:

1. This course will use class discussions, directed reading, hands-on exploration, and project-based learning to help students discover the technological and scientific world.
2. This course will provide students with the opportunity to assemble and configure computer systems, explore uses of technology through hands-on activities and write computer programs to control peripheral devices or robots.
3. This course will also provide students with the opportunity to discuss ethical issues of technological use as well as discover postsecondary pathways in the technological fields.
4. This course will develop students' technological competence and literacy through hands-on exploration of current technologies (coding, web page design, robotics, etc.)
5. This course will develop problem solving and communication skills with the use of technology

Evaluation:

The program focuses on the development of three interrelated competencies associated with various complementary aspects of   science and technology.

The two competencies to be further developed in secondary cycle two, year three are as follows:

- Seeks answers or solutions to scientific or technological problems

- Makes the most of his/her knowledge of science and technology

Revised: July 2022