

**SCHOOL DISTRICT OF SOUTH ORANGE AND MAPLEWOOD  
PUBLIC BOARD MEETING  
January 24, 2022**

**FOR ACTION**

**RESOLUTION NUMBER:**           **4248**

**SUBJECT:**                            Approve New Course

**BE IT RESOLVED, THAT**           The Board is being asked to adopt the following new courses:

New Course Name	Department
Cyber Security	STEM 9-12

**Background Information**

**Cyber Security**

This course is designed for students who are interested in exploring careers in Cybersecurity. The focus of instruction will include the implementation and monitoring of security on network and computer systems. Students will investigate strategies to identify and protect against security threats such as hackers, eavesdropping and network attacks. The basics of cryptography and logic reasoning will be explored. Hands-on labs in a cyber range provide practice in the configuration and mitigation of system vulnerabilities. Units will integrate current events and related cyber ethics and law.