FOREST LAKE AREA SCHOOLS
FOREST LAKE, MN 55025

December 6, 2012

AGENDA ITEM: 10.6

TOPIC: FIRST READING NEW BUSINESS COURSE
DROID APP DESIGN: JAVA

BACKGROUND: The secondary Business Department has engaged in conversation about ways to build a comprehensive 7-12 program. By providing students at the Jr. High setting the opportunity to sample courses that provide a glimpse into the business world, the department is working to develop four tracks within the Business Department starting at grade 9 and culminating at graduation. Developing these tracks requires some realignment of course work at various levels and the addition of new courses to provide opportunities in management and leadership, computer programming, finance, and law.

PROCESS: In review of existing courses within the Business Department, the decision was made to create a new class for a Computer Programming/Technology Track. Droid App Design: Java is intended as an introductory mobile application design and programming course. It will provide students the opportunity to develop skills in designing mobile apps using Java and Eclipse for Android devices. Students will develop technical skills related to software development, computer programming, and graphic design. Students will engage with creative and innovative thinking, communication, collaboration, and appropriate use of digital tools. A connection to engineering, physics, and mathematical concepts related to mobile application development will be identified and emphasized for students.

The department is committed to preparing students for the world of work and developing skills that will enhance their personal and professional lives.

RECOMMENDATION: First Reading of New Course: Droid App Design: Java.