

# QUINCY JUNIOR HIGH SCHOOL

## 6<sup>TH</sup> GRADE PROGRAM OF STUDIES

### REQUIRED COURSES

ENGLISH LANGUAGE ARTS

MATHEMATICS

SOCIAL STUDIES

*\*Geography and World Cultures*

SCIENCE

*Earth Science*

PHYSICAL EDUCATION/HEALTH

### EXPLORATORY PROGRAM (Quarterly Programs)

ART I

GENERAL MUSIC

INTRODUCTION TO COMPUTER SCIENCE

*Basics of Keyboarding and Microsoft Office Applications*

PROJECT LEAD THE WAY- MEDICAL DETECTIVES (PLTW- MD)

*PLTW Biomedical Pathway*

#### STUDENTS MAY BE RECOMMENDED FOR ONE OR MORE OF THE FOLLOWING:

Math Enrichment

Focused ELA Study Skills

Reading Enrichment

Learning Lab

Honors Courses

#### STUDENTS MAY CHOOSE FROM ONE OF THE FOLLOWING:

Chorus, Band, Orchestra

# QUINCY JUNIOR HIGH SCHOOL

## 7<sup>TH</sup> GRADE PROGRAM OF STUDIES

### REQUIRED COURSES

ENGLISH LANGUAGE ARTS

MATHEMATICS

SOCIAL STUDIES

*\*Foundations of American History*

SCIENCE

*Life Science*

PHYSICAL EDUCATION/HEALTH

### EXPLORATORY PROGRAM (Quarterly Programs)

ART II

PIANO LAB I

COMPUTER SCIENCE I

*Introduction- Web App and Design*

PROJECT LEAD THE WAY- DESIGN & MODELING (PLTW- DM)

*PLTW Engineering Pathway*

#### STUDENTS MAY BE RECOMMENDED FOR ONE OR MORE OF THE FOLLOWING:

Math Enrichment

Focused ELA Study Skills

Reading Enrichment

Learning Lab

Spanish I

Honors Courses

#### STUDENTS MAY CHOOSE FROM ONE OF THE FOLLOWING:

Chorus, Band, Orchestra

# QUINCY JUNIOR HIGH SCHOOL

## 8<sup>TH</sup> GRADE PROGRAM OF STUDIES

### REQUIRED COURSES

ENGLISH LANGUAGE ARTS

MATHEMATICS

SOCIAL STUDIES

*\*Foundations of American History (2016-2017 school year)*

*\*Development of Modern America (2017-2018 school year)*

SCIENCE

*Physical Science*

PHYSICAL EDUCATION/HEALTH

### EXPLORATORY PROGRAM (Quarterly Programs)

COLLEGE AND CAREER READINESS (CCR)

PIANO LAB II

COMPUTER SCIENCE II

*Advanced Applications and Coding*

PROJECT LEAD THE WAY AUTOMATION AND ROBOTICS (PLTW- AR)

*PLTW Engineering Pathway*

STUDENTS MAY BE RECOMMENDED FOR ONE OR MORE OF THE FOLLOWING:

Math Enrichment

Focused ELA Study Skills

Reading Enrichment

Learning Lab

Spanish I

Spanish II

Honors Courses

STUDENTS MAY CHOOSE FROM ONE OF THE FOLLOWING:

Chorus, Band, Orchestra

# QUINCY JUNIOR HIGH SCHOOL

## PROPOSED COURSE DESCRIPTIONS- QUINCY JUNIOR HIGH SCHOOL 2016-2017

**COURSE TITLE:** College and Career Readiness (CCR)  
**PROGRAM OF STUDY:** 8<sup>th</sup> grade Exploratory  
**LENGTH:** 1 quarter

### **COURSE DESCRIPTION:**

This course is designed to help students build foundational skills that will help them succeed in high school, college, and/or a career. Through project based learning activities students will learn how to set and work toward goals, expand college and career knowledge, and develop learning strategies that will help support success in high school, college or career related tasks.

**COURSE TITLE:** Medical Detectives- (PLTW-GTT)  
**PROGRAM OF STUDY:** 6<sup>th</sup> grade Exploratory  
**LENGTH:** 1 quarter

### **COURSE DESCRIPTION:**

*\*This course curriculum is part of the Project Lead the Way Gateway to Technology Middle School program (PLTW-GTT)*

In this course, students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.