COURSE PROPOSAL 01

Data Literacy Elective

PROPOSED SCHOOLS	SCED CODE	LENGTH
BMS, HMS, JMS, LMS, WMS	25051	36 weeks

COURSE DESCRIPTION

Data Literacy courses focus on developing students' ability to read, interpret, and analyze data. These courses teach students how to assess the reliability and validity of data, as well as to understand data to draw conclusions and explain the results, such as through summary statistics or data visualization.

PROGRAM ALIGNMENT

PATHWAY / COURSE SEQUENCE
MS Elective for 8th grade

RATIONALE
This course complements Math 8 and ELA 8 and allows students additional opportunities to see integration of these skills within their current world.

PROPOSAL DETAILS

SUBMITTED BY
Meredith Holmes

COURSE LEVEL
No level

GRADING SCALE
Standard

PREREQUISITE
No

GRADUATION REQUIREMENT
None

REPLACES AN EXISTING COURSE?
No

AVAILABILITY AT OTHER SCHOOLS
All MS for an 8th grade elective course

WORK-BASED LEARNING CODE
No

VIRGINIA DOE ASSIGNMENT DESCRIPTION
N/A

TITLE IN SECONDARY FORM FIELD
Data Literacy Elective

COURSE PROPOSAL 02

Advanced Placement (AP) Pre-Calculus

PROPOSED SCHOOLS	SCED CODE	LENGTH
MoHS, AHS, WAHS	02110	36 weeks

COURSE DESCRIPTION

AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications - polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices.

PROGRAM ALIGNMENT

PATHWAY / COURSE SEQUENCE
Math, AP levels

RATIONALE
Provides new AP level option

PROPOSAL DETAILS

SUBMITTED BY
Cabell Guy

COURSE LEVEL
Advanced Placement

GRADING SCALE
Standard

PREREQUISITE
Yes - Algebra II

GRADUATION REQUIREMENT
None

REPLACES AN EXISTING COURSE?
No - new level addition (AP)

AVAILABILITY AT OTHER SCHOOLS
Yes

WORK-BASED LEARNING CODE
No

VIRGINIA DOE ASSIGNMENT DESCRIPTION
N/A

TITLE IN SECONDARY FORM FIELD
AP PreCalculus