ADVANCED EDUCATION PROGRAMMING

Presented By:
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PROGRAM OVERVIEW

The Advanced Education Program will be implemented in grades 3-12. This enrichment-based program aims to provide student learning opportunities that focuses on ..

- Creating a teaching and learning environment that embraces student strengths and allows mistakes to overcome challenges
- Supporting teaching and learning with student background knowledge
- Providing project-based challenges rooted in relevant, real-life key concepts

PROGRAM SPECIFICS

WHAT IT IS:

- Teacher as coach
- Expresses creativity
- Project-based learning
- Research to determine both questions and answers surrounding an issue
- Enrichment in core subjects – math, reading, science, social studies

WHAT IT IS NOT:

- Repetition
- Working through curriculum faster with no differentiation
- Using the learner as a tutor for the other students

PROGRAM OBJECTIVES

- To ensure students are academically ready for the rigor of the Dream Scholars and/or Dream Academy programs
- To provide a plan/course of action toward the promotion of high-quality instructional program offerings to the larger community

PROGRAM CRITERIA

Students will qualify for placement in the Advanced Education Program based on some, if not all, of the following:

- Benchmark Data Testing (i.e., LinkIt!)
- Teacher/Administrator Recommendation
- Report Card Data
- Lexile Score(s)
- Quantile Score(s)
- Attendance Data
- Behavior Data
- Identified Attributes
- Student Interview

CORE PROGRAM STANDARDS

Standard	*Description of Standard*
1	Learning and Development
2	Assessment
3	Curriculum & Instruction
4	Learning Environments
5	Programming
6	Professional Learning

(National Association of Gifted Children, 2019)

PROGRAM SCHEDULING: 3-6 ADVANCED EDUCATION

GRADE 3-6 MATH LEARNING PROGRESSION - BUILDING THE BASE AND ENGAGEMENT

Big Idea	***Advanced***	***Core***	***Basic***	
Extend their flexibility with numbers	**Grade 3 (3.NBT.2)** Ability to decompose numbers to three-digit numbers **Grade 4 (4.OA.4)** Ability to to employ the understanding to identify prime and composite numbers and to recognize that a whole number is a multiple of each of its factors **Grade 5 (5.NBT.2)** Students at this level are to fully understand place value system, including decimal values to the thousandths (SMP.7; 5.NBT.3)	.**Grade 3 (3.NBT.2)** Ability to decompose numbers using smaller numbers and estimation **Grade 4 (4.OA.4)** Ability to to employ the recognition that a whole number is a multiple of each of its factors **Grade 5 (5.NBT.2)** Students at this level are to fully understand place value system, including decimal values to the thousandths (SMP.7; 5.NBT.3)	**Grade 3 (3.NBT.2)** Ability to use number sense to decompose numbers using smaller numbers and estimation **Grade 4 (4.NBT.3)** Ability to round multi-digit numbers to any place value). **Grade 5 (5.NBT.2)** Students at this level are to fully understand place value system, including decimal values to the thousandths (SMP.7; 5.NBT.3) Students build a conceptual understanding of decimals.	**Grade 3 (3.NBT.2)** Students ability to add fluently to 1000.Use reflection to understand whether an answer is reasonable. **Grade 4 (4.NBT.3)** Identify prime and composite numbers and to recognize that a whole number is a multiple of each of its factors. **Grade 5 (5.NBT.2)** Students work with powers of ten,use exponential notation, and can "explain patterns in the placement of the decimal point when a decimal is multiplied by a power of 10."

Most Complex → **Least Complex**

PROGRAM SCHEDULING: 7-8 DREAM SCHOLARS

- Honors Level Coursework in All Core Subjects
- Project-Based Learning
- Collaboration with League of Women Voters
- Oaida International
- Monmouth University

PROGRAM SCHEDULING: 9-12 DREAM ACADEMY

YEAR 1(9)					
Semester 1	***BCC Credits***	***HS Credits***	***Semester 2***	***BCC Credits***	***HS Credits***
English H		5	English 2 H		5
Algebra H		5	Geometry H		5
PE/Health 9		5	World History H		5
Info Tech/ Comp 129	3	5	Mandarin	4	5
			SUMMER HUDV	1	1

PROGRAM SCHEDULING: 9-12 DREAM ACADEMY

YEAR 2 (10)					
Semester 1	***BCC Credits***	***HS Credits***	***Semester 2***	***BCC Credits***	***HS Credits***
Art		5	PE/Drivers Ed		5
Biology H		5	Financial Literacy		2.5
Algebra 2 H		5	Holocaust/Genocide		2.5
Mandarin 2	3	5	Chemistry H		5
			English Comp 121		5
			SUMMER Math		

PROGRAM SCHEDULING: 9-12 DREAM ACADEMY

YEAR 3 (11)					
Semester 1	***BCC Credits***	***HS Credits***	***Semester 2***	***BCC Credits***	***HS Credits***
PE/Health 11		5	Amistad		5
Math 129	4	5	American Civ 136	3	5
American Civ 135	4	5	Psychology 106	3	5
English Comp 122	3	5	Public Speaking 115	3	5
			English Comp 122	3	5
			SUMMER American Government 105	3	5

PROGRAM SCHEDULING: 9-12 DREAM ACADEMY

YEAR 4 (12)					
Semester 1	***BCC Credits***	***HS Credits***	***Semester 2***	***BCC Credits***	***HS Credits***
PE/Health 12		5	Economics 105	3	5
Philosophy 105	3	5	Life Science 105	4	5
Human Development 206	3	5	Sociology 105	3	5
Environ. Science 107	3	5	Economics 105	3	5

INCLUSION OF SPECIAL EDUCATION

Over the next three years, the percentage of classified students k-12 *exposed to grade-level curriculum* in a General Education setting will
increase by 30%.

INCLUSION OF ESL/BILINGUAL STUDENTS

Non-English speaking students qualify through the administration of the Naglieri Nonverbal Ability Test

PROGRAM EVALUATION

The Advanced Education Program(s) will be evaluated through quarterly assessment of student progress from the following data points:

- Comparative Analysis of District Benchmark Data
- Comparative Analysis of District Report Cards
- Student Portfolios (i.e., Project-Based Learning)
- Student Survey/Feedback
- Teacher Survey/Feedback
- Family Survey/Feedback
- Program Walkthroughs

PROGRAM SUSTAINABILITY

The sustainability of the Advanced Education Program will be supported through the following action steps:

- Student Mentoring
- Infusion of Social-Emotional Concepts
- Family Focus Groups
- Targeted Professional Learning Opportunities for Staff
- Updates/Revisions/Adjustments to Curriculum