

**JHS 185: ASPRIES Magnet School**

**Science. 6<sup>th</sup> Grade - Course Sample**

**Theme: Applied Science, Architecture and Engineering**

Unit Title  *refer to the state/ city curriculum for unit title	Simple & complex machines	Weather	Diversity of Life	Interdependence	
Time frame Month(s) *to be agreed upon by dept	September – October	November – December January	January – February March	April May June	
What Magnet Standard(s) can you connect to?	Architecture and engineering reflect and change our society.	Engineering is a balance between change and sustainability.	There is a relationship between man and science.	There is a relationship between man and science.	
What is a culminating project you can do for this unit?	Have the students devise an invention to make life simpler	The students will create a house that can withstand certain climates / weather systems	Create a model city and draw clear parallels connecting it to the structure of a cell	Each group builds a different biome	
How will the project connect to the standard?	By creating an invention they are showing how machines reflect the needs of our society and how machines change society	By creating a house that can withstand weather systems they are showing how engineering creates sustainability	The cell is like a city in many ways	Building a biome connects to architecture and engineering it also discusses the relationship between man and science.	
Teacher who created sample UBD Theme Unit	Sharkey	Bonosoro and Galloway			
Your Idea					

