



Welcome to the NJIT Femme 5 & AEP Programs

Name: _____

Class: _____

Mr. Zushma

About Mr. Zushma:

Mr. Zushma is a middle school Technology Education Teacher in Livingston, NJ. He has also taught the ExCITE program at NJIT. Ms. Zushma teaches Femme 7 & Femme 8 programs at NJIT. Mr. Zushma can be contacted at Mr.Zushma@gmail.com. Be sure to leave your name. Documents for this class can also be found on www.Zushma.com.

Meeting Times:

AEP = 9:30am – 11:20am

Femme 5 = 12:30pm – 2:20pm

Course Outline:

Mission Patch Design

History of Flight

Science of Flight

Rubber Band Powered Airplane Construction / Testing

History of Rocketry

Science of Rocketry

Rocket Design

Rocket Construction & Testing

Space Station Design

Field Trips

Hayden Planetarium/American Museum of Natural History

Intrepid Air & Space Museum

Assessment:

Pre Test & Post Test

Design portfolio rubrics

Class Work

Construction Quality / Time Management