Welcome to Baylor College of Medicine Academy at James D. Ryan
(Founded in 2013)

An Open Enrollment Houston ISD Health Science Magnet Middle School
Mission and Vision

**Mission**
To prepare diverse students for rigorous high school programs, college, and careers through an innovative, accelerated health science program.

**Vision**
All students rise to high standards and become empowered to make beneficial choices in every aspect of their lives.
PARTNERSHIP AND OPEN COMMUNICATION BETWEEN HOME AND SCHOOL

WHATEVER IT TAKES, TOGETHER WE CAN
School Unity and Culture
Academic Expectations
Magnet Contract

Grade point average of 75 or above in all courses

Excellent Conduct

Good attendance

Interest in the specialized Health Science curriculum

Academic Probation/Student Growth Plan

SCHOOL TIME
8:30 am to 3:50 pm/10 periods 5 PERIODS each day
Courses in Grade 6

Pre AP English Language Arts
Pre AP Math 6
Pre AP Science
Pre AP Social Studies
Physical Education
Health Science Elective = Neuroscience
2 Electives (Based on academic need/space)
Courses in Grade 7

*Pre AP English Language Arts*
*Pre AP Math /Pre AP Algebra 1 (HS Credit)*
*Pre AP Science*
*Pre AP Social Studies*
*Physical Education & Coding (1 Semester Each)*
*Health Science Elective = Scientific Decision-Making*
*2 Electives (Based on academic need/space)*
Courses in Grade 8

Pre AP English Language Arts
Pre AP Math 8
Pre AP Alg. 1 / Pre AP Geometry (HS Credit)
Pre AP Science/Integrated Physics & Chemistry (HS Credit)
Pre AP Social Studies
Latin 1A & 1B (HS Credit)/Spanish (HS Credit)
Health Science Elective = Foundations in Bioengineering & Biotechnology
Art / Physical Education (1 Semester Each)
2 Electives (Based on academic need)
Elective Offerings:

- READING INTERVENTION
- MATH INTERVENTION
- SCIENCE INTERVENTION
- WRITING INTERVENTION
- SOCIAL STUDIES INTERVENTION

OR

- BOTANY AND GARDENING
- HOSA (Health Occupations Students of America)
- STUDENT COUNCIL
- ROBOTICS
- CULINARY CHEMISTRY
- GYMNASTICS
- DANCE
- COMPUTER SCIENCE
- NAME THAT BOOK
- ART
- STUDENT COUNCIL
- YEARBOOK
- CHESS
6th Grade Neuroscience

- Scientific Inquiry
- Sleep
- Brain Comparisons
- Brain Chemistry
- Sensory Systems
- Motor Highways
- Memory and Learning
7th Grade Scientific Decision Making

- Scientific Inquiry
- The Cardiovascular System
- The Muscular, Skeletal and Integumentary System
- Infectious and Heritable Diseases
- Chemicals and Environmental Health
- The Science of Alcohol Behavior
8th Grade Foundations in Bioengineering & Biotechnology

- Scientific Inquiry
- Imaging, Biomechanics and Prosthetics
- Nanotechnology and Biomimicry
- Structure and Function of Proteins
- Structure and Function of DNA
- Inheritance, Selective Breeding and Genetically Modified Organisms
- Personalized Medicine
Recognitions and Awards:

- **National Magnet School of America (MSA)** School of Distinction 2018
- **National Magnet School of America (MSA)**, School of Excellence and President’s Award of Top 3 Schools in the Nation 2017
- **High Performing & High Progressing School (TEA)** 2016, 2017
- **Honor Roll School (Texas Honor Roll)** 2016, 2017
- **Texas Reward School (TEA)** 2015, 2016, 2017
- **All Seven State Distinctions (TEA)** 2015, 2016, 2017
TEA DISTINCTION DESIGNATIONS:

1. **ELA/READING**
2. **MATH**
3. **SCIENCE**
4. **SOCIAL STUDIES**
5. **POST SECONDARY READINESS**
6. **COMPARATIVE CLOSING THE GAPS**

2018 / 2019
Thank You!

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