Michael M. Byrne Elementary

Vision
At Byrne School, all students are provided a challenging education in a safe, innovative and multicultural environment.

Mission
Byrne Elementary aspires to develop global thinkers in a multicultural society where they will be productive, inquisitive, and life-long learners. We aim to develop critical thinkers with multicultural awareness. Our students will be productive, knowledgeable, balanced, principled and reflective life-long learners who positively impact their community, country and world.
What is the IB Program?

The IB Mission Statement

The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.
IB is........

■ An enriched approach to learning using a global perspective

■ Interdisciplinary and project-based learning

■ Emphasis on 21\textsuperscript{st} century skills

■ Focus on community service

■ High expectations, active learning, and learner focused teaching philosophy
Levels of IB Programs

- The Diploma Programme (DP) for students aged 16-19
- The Middle Years Programme (MYP) for students aged 11-16
- The Primary Years Programme (PYP) for pupils aged 3-12
The IB Learner Profile

- Thinkers
- Knowledgeable
- Inquirers
- Caring
- Communicators
- Principled
- Open-minded
- Risk-takers
- Balanced
- Reflective
Video: IB Middle Years Programme

Video link: https://youtu.be/IEXfviHlo4M
The IB Program strengthens Byrne’s middle school by:

- Provides a pathway to success at secondary and postsecondary levels
- Supports 21\textsuperscript{st} century skills and positive behavior
- Emphasizes community service, hands-on projects, and inquiry-based learning
MYP Curriculum

- Does not replace the current curriculum, but rather enhances it
- Fosters creativity for both students and teachers
- Complements Common Core Standards
IB Key Learning Principles

- A process; not a product
- Learning is a developmental path
- Learning should be:
  - Rigorous
  - Challenging
  - Engaging
- Learning is collaborative
8 IB Subject Groups

- Language and Literature (Language Arts)
- Mathematics
- Individuals and Societies (Social Studies)
- Science
- Language Acquisition - Spanish
- Physical and Health Education
- Arts: Visual Arts and Music
- Design
Individuals and Societies (Social Studies)

- **Topics covered:** Civil War, Reconstruction, the Gilded Age, Illinois Constitution, Choices in Little Rock, & the Holocaust
  - Potentially World War 2 and the Civil Rights movement
- **Weekly current events time in class:** local, state, national, and international topics (2019 primaries as an example)
- **IL Constitution:**
  - Date: TBD
  - 3-4 week long unit
  - Need to pass to graduate
  - Need a 70% or higher to pass (can retake)
- **Class activities:** primary source analysis, article analysis, text dependent questions, note-taking, socratic seminars, small table discussions
Language and Literature (Language Arts)

Unit 1 - Characterization

- Close reading
- Vocabulary character traits/sentences/formative assessments
- Novel - Flipped by Wendelin Van Draanen
- Journaling/character traits claims with evidence and reasoning
- Two-perspective narratives
- Character change essay

Unit 2 - Theme

- Close reading
- Vocabulary (words that 8th-9th graders should know)
- Novels - Twisted by Laurie Halse Anderson, Bad by Jean Ferris, No More Dead dogs by Gordon Korman, The Sun is Also a Star by Nicola Yoon
- Journaling/syllabus
- Theme analysis

Unit 3 - Author’s Purpose Holocaust
Mathematics

Overview:

- **Real Numbers**
  - Rational/Irrational Numbers
  - Scientific Notation
  - Exponent Rules

- **Linear Equations**
  - Graphing
  - Solving Equations

- **Pythagorean Theorem**

- **Functions**
  - Linear/Non-linear function

- **Statistics & Probability**
The Middle Years Programme (MYP) sciences framework encourages students to investigate issues through research, observation and experimentation, working independently and collaboratively.

We will combine STEAM (science, technology, engineering, art and math) into classroom practice while following the state standards.

Quarter 1 will consist mostly of **Scientific Inquiry and Science Fair**. Students are encouraged to turn in portions of their research paper every week, beginning next week. Please be sure to ask your child about their progress throughout the process. A timeline will be given out next week.

Quarter 2 will have students exploring **Force & Motion**

In Quarter 3, students will learn about **Energy, Magnetism, and Gravity***

The Fourth Quarter will cover **Evolution and Natural Selection**

*April 2020- Students will take Illinois Science Assessment*
Language Acquisition: Spanish

In our global community, acquisition of a second language is crucial to future success.

The primary aim of Language B is to encourage students to gain competence in a second language.

At the language ab initio level, a student develops receptive, productive and interactive communicative skills. Students learn to communicate in the target language in familiar and unfamiliar contexts.

Receptive: Students understand, both aurally and in writing, simple sentences and some more complex sentences relating to the five prescribed themes and related topics. They understand simple authentic and adapted written and audio texts and related questions in the target language.

Productive: Students express information fairly accurately, in both writing and in speech, using a range of basic vocabulary and grammatical structures. They communicate orally and respond appropriately to most questions on the five prescribed themes and related topics.

Interactive: Students understand and respond clearly to some information and ideas within the range of the five prescribed themes and related topics. They engage in simple conversations. They use strategies to negotiate meaning and foster communication.

Click HERE for link
Arts: Visual Arts and Music

- Encourages creative energy, communication, interaction, and reflection
- Organizes learning around the creative cycle
- Aims to help the student become a developing artist
Throughout the MYP your child will have the opportunity to be exposed to more than one subject in the Fine Arts:

- Visual Arts
- Music
Design

- By studying design technology, students become aware of the design process through collaborative problem solving.
- Students find solutions to real-world, authentic problems.
Physical and Health education

-Physical Education
  - MYP
  - Uniforms/Sweaters

-Health Education
  - Units: Nutrition, Components of Health, ATOD, Anatomy
  - Sex Education
IB MYP Implementation Timeline

2017-2018 School Year
Initial Phase of Teacher Professional Development

IB Candidate School Status
- Ongoing teacher professional development
- IB philosophy further incorporated into curriculum

Summer 2020
Anticipation of Authorization as an IB School
Middle School students will have 45 mins a week of SEL classes with the School Counselor. These classes consist of:

**SEL topics include:**
- Communication skills
- Emotional management
- Peer pressure, bullying and cyber bullying

**High School Options**
- Differences between public, charter, magnet and private schools
- Difference between IB and Honors

**GoCPS:**
- How does this whole process work

**Naviance**
- Goal setting
- Career exploration
- High School readiness