

BARTON ACADEMY FOR ADVANCED WORLD STUDIES CURRICULUM GUIDE

The Barton Academy for Advanced World Studies' project-based curricular approach serves as a model for 21st century learning and includes courses with a focus on global studies, world languages, entrepreneurship, STEM, and fine arts to enhance our advanced core course offerings.

PBL

Project Based Learning (PBL) is a teaching method in which students learn by actively engaging in real-world and personally meaningful projects.



**Discovery.
Opportunity.
Meaning.
Exploration.**



D.O.M.E. QUARTERLY PBL THEMES



Q1 - "THE REAL VOYAGE OF **DISCOVERY** CONSISTS NOT IN SEEKING NEW LANDSCAPES BUT IN HAVING NEW EYES." MARCEL PROUST

Q2 - "SEIZE THE **OPPORTUNITY**. LEARN AND EXPERIENCE EVERYTHING YOU CAN, AND USE IT TO CHANGE THE WORLD." RODNEY WILLIAMS, JR.

Q3 - "IF WE WANT TO MAKE **MEANING**, WE NEED TO MAKE ART. AS LONG AS WE ARE CREATING, WE ARE CULTIVATING MEANING." BRENE BROWN

Q4 - "**EXPLORATION** IS A WONDERFUL WAY TO OPEN OUR EYES TO THE WORLD, AND TO TRULY SEE THAT IMPOSSIBLE IS JUST A WORD." RICHARD BRANSON

BARTON ACADEMY MATH PATHWAYS



**MATH 6
ADVANCED**

**6TH GRADE
BARTON**

**MATH 7
ACCELERATED**

**7TH GRADE
BARTON**

80+ Class Average
Preferred

**MATH 8
ADVANCED**

**MATH 8
ACCELERATED**

**8TH GRADE
BARTON**

**HONORS
GEOMETRY WITH
DATA ANALYSIS**

**HONORS
GEOMETRY WITH
DATA ANALYSIS**

**HONORS ALGEBRA 1
WITH PROBABILITY**

**HONORS
GEOMETRY WITH
DATA ANALYSIS**

**9TH GRADE
BARTON**

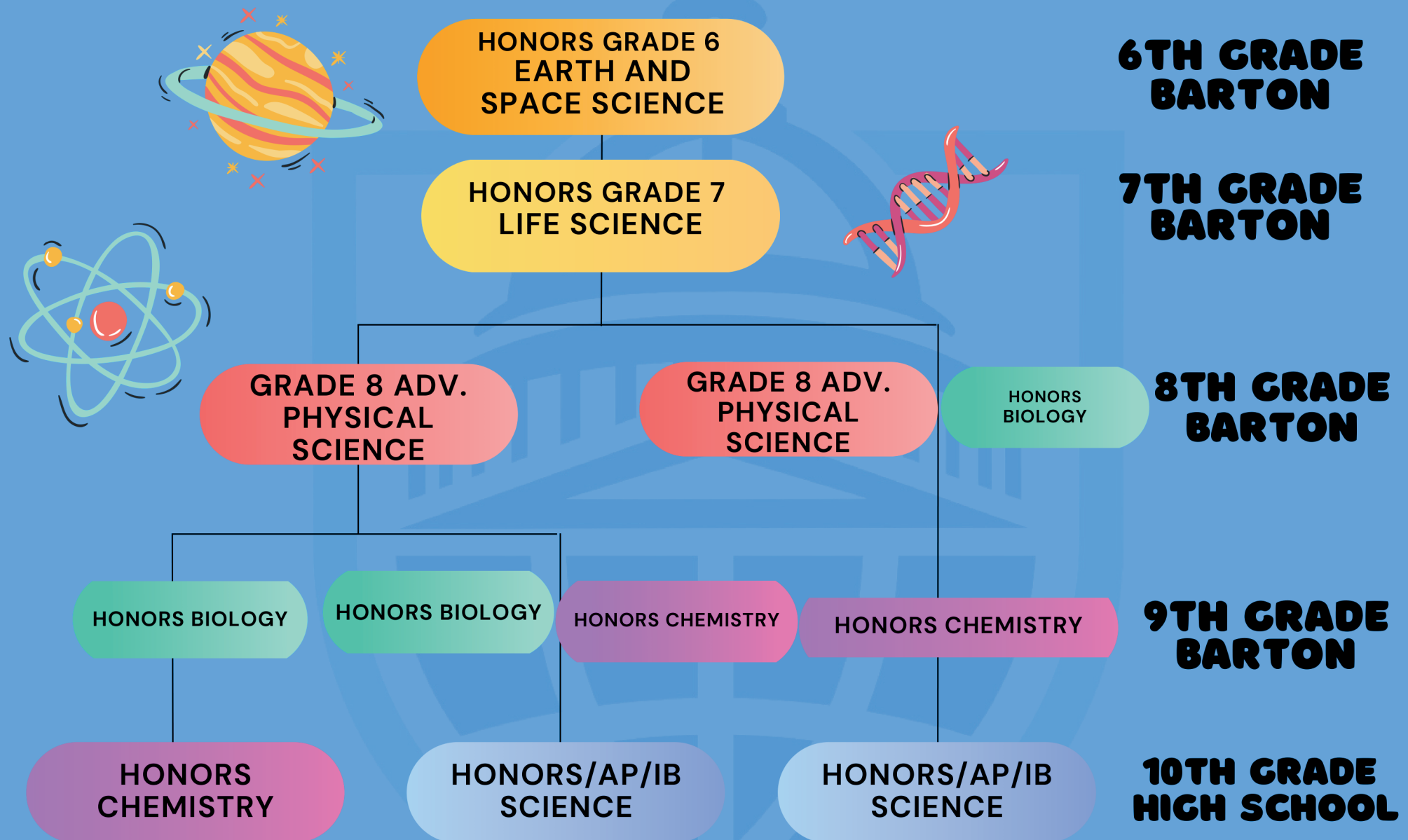
**HONORS ALGEBRA 1
WITH PROBABILITY**

**HONORS ALGEBRA
2 WITH STATISTICS**

**HONORS ALGEBRA 2
WITH STATISTICS**

**10TH GRADE
HIGH SCHOOL**

BARTON ACADEMY SCIENCE PATHWAYS



BARTON ACADEMY SOCIAL STUDIES PATHWAY



GRADE 6 HONORS
US STUDIES: INDUSTRIAL
REVOLUTION TO PRESENT

**6TH GRADE
BARTON**

GRADE 7 HONORS
GEOGRAPHY

GRADE 7 HONORS
CIVICS

**7TH GRADE
BARTON**



GRADE 8
HONORS
WORLD HISTORY-1500

**8TH GRADE
BARTON**



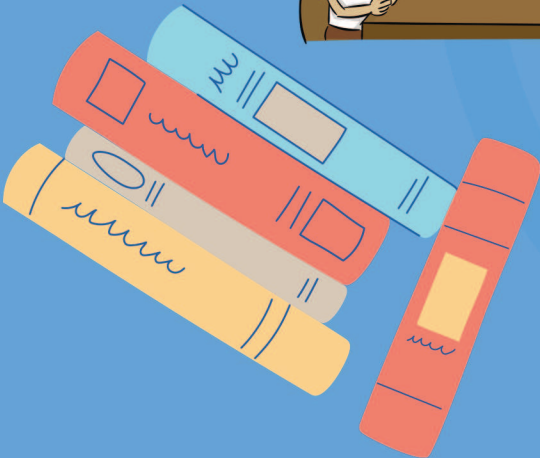
AP WORLD HISTORY
*POTENTIAL COLLEGE
CREDIT

**9TH GRADE
BARTON**

HONORS/AP/IB
HISTORY COURSE

**10TH GRADE
HIGH SCHOOL**

BARTON ACADEMY ENGLISH LANGUAGE ARTS PATHWAY



GRADE 6 ELA
HONORS

**6TH GRADE
BARTON**

GRADE 7 ELA
HONORS

**7TH GRADE
BARTON**

GRADE 8 ELA
HONORS

**8TH GRADE
BARTON**

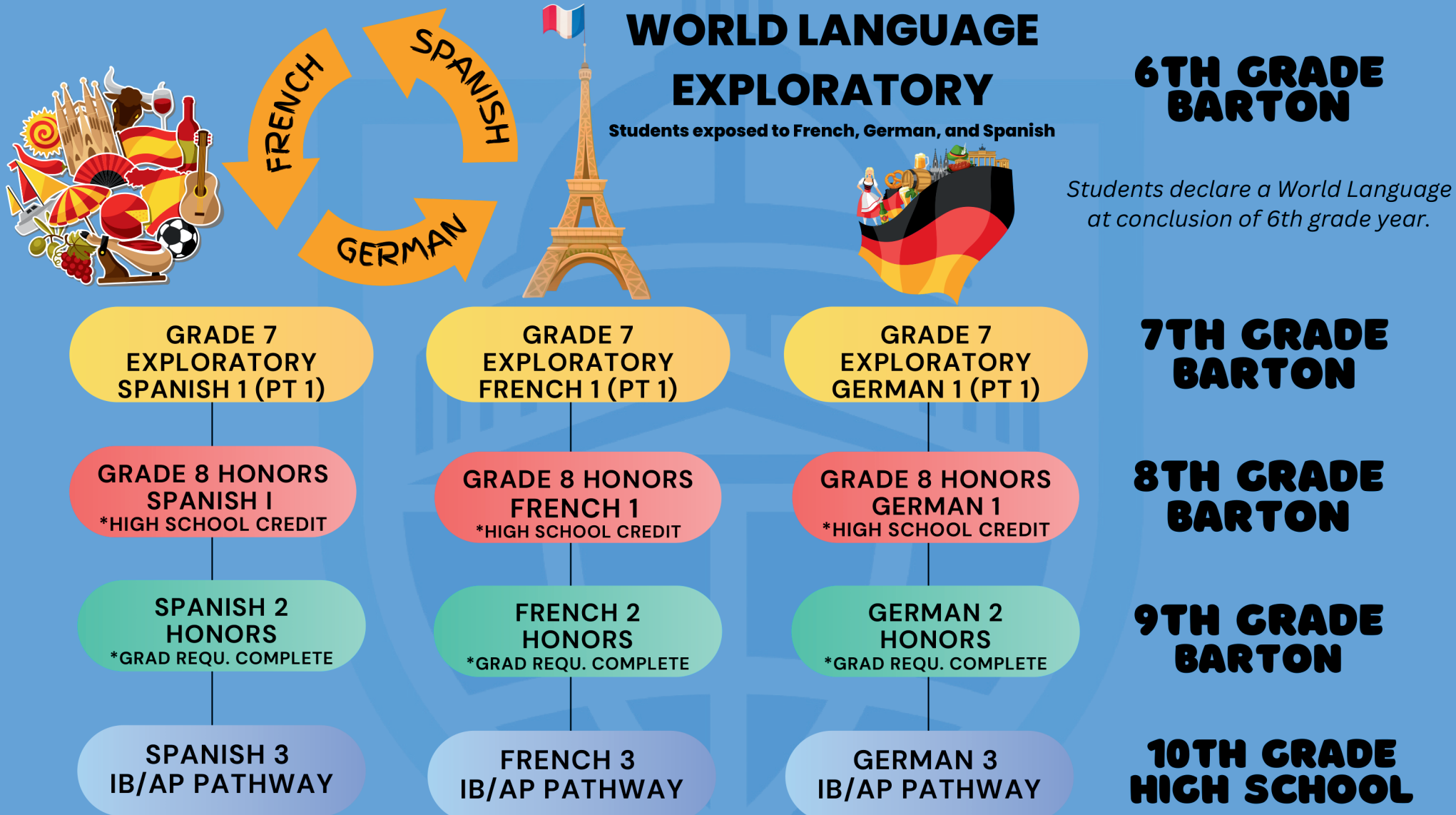
GRADE 9 ELA
HONORS

**9TH GRADE
BARTON**

GRADE 10 ELA
HONORS/AP/IB

**10TH GRADE
HIGH SCHOOL**

BARTON ACADEMY WORLD LANGUAGES PATHWAYS



BARTON ACADEMY ELECTIVES & EXTRACURRICULARS



BEGINNER ART
GRADES 6-8
DRAMA
GRADES 7-8

**INTERMEDIATE/
ADVANCED ART**
GRADES 6-8

ART I
9TH GRADE
CREDIT COURSE

EXPLORER PERIOD
DIGITAL PHOTOGRAPHY
SET DESIGN

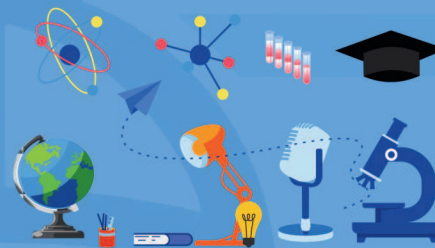


BEGINNER BAND
GRADES 6-8

**INTERMEDIATE/
ADVANCED BAND**
GRADES 6-8

CONCERT BAND 9
PIANO LAB 6-9
CHORUS 6-9

EXPLORER PERIOD
CHORUS



COMPUTER SCIENCE 1
GRADES 6-7
COMPUTER SCIENCE 2
GRADE 8

FLIGHTWORKS
"WE BUILD IT BETTER"
7TH GRADE

VEX ROBOTICS
(COMPETITION TEAM)
GRADES 7-9

EXPLORER PERIOD
ROBOTICS * ROCKETRY * STUDY
OF POP * VLOGGING *
PODCASTING * AND MORE



PHYSICAL ED. 6-8
KINESIOLOGY 9TH
CAREER PREPAREDNESS 9TH

SOCCER * VOLLEYBALL
*** BASKETBALL * TRACK**
*** CHEER * ARCHERY**

**GLOBAL STUDIES/
ENTREPRENEURSHIP**
7TH-8TH GRADES



Interact
Scholars' Bowl
Hi-Q * NJHS
Builder's Club
SeaPerch * VEX
* Theatre
* Symphony strings

Honor Societies
Chess Club * SECME
Walking Field Trips
Order Families
SGA * Entrepreneur "shop"
AND MORE

Sixth grade students choose one daily elective, but are also exposed to French, German, Spanish, art, music, STEM, and drama through enrichment. Seventh through ninth grade students declare a World Language elective. All sixth, seventh, and eighth graders have physical education as a required elective. Ninth grade students take Career Prep as a grad requirement and may choose Kinesiology or one additional elective. Our 8th "skinny" Explorer Period offers additional rotating electives, study hall, intervention opportunities, and advisory meetings through our Barton "Orders".