



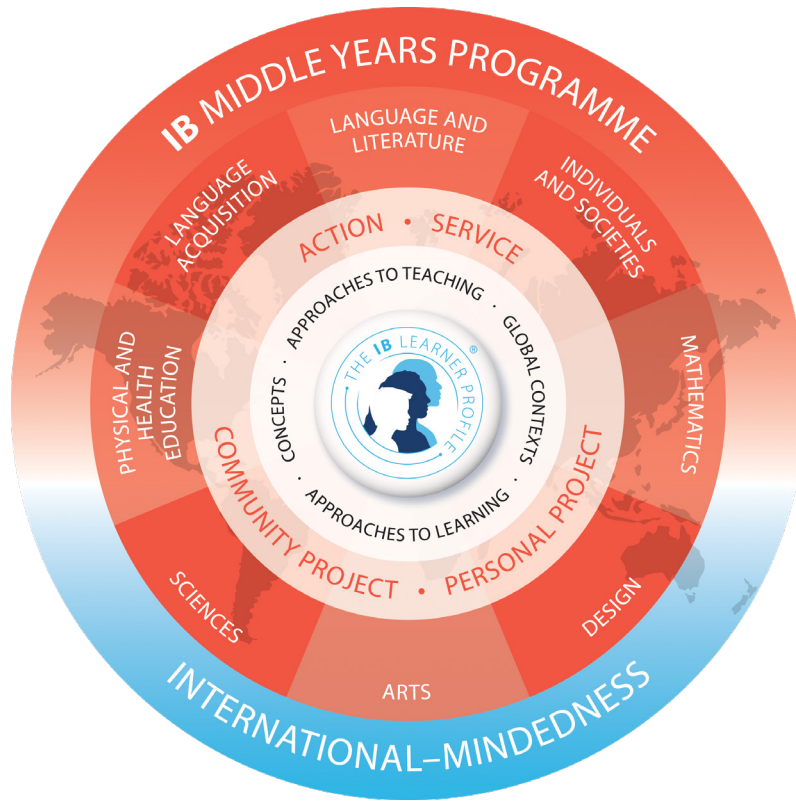
DESERT MOUNTAIN HIGH SCHOOL

International Baccalaureate
Programs



IB MYP Program Model

DMHS is currently an IB MYP Candidate School



from: www.ibo.org

IB Diploma Program Model



International Baccalaureate's Mission

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

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

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

from: www.ibo.org

Sample IB MYP and IB DP Schedule

Students have many different options (not all are shown shown below) for building their 4 year schedule.

Ninth Grade IB

IB MYP Honors English 1
IB MYP Honors World History
Spanish/French/Mandarin 1 or 2
Algebra 1, Geometry, or Geo/Trig Honors
Physics First/Physics First Honors
One DMHS Elective

Tenth Grade IB

IB MYP Honors English 2
IB MYP Honors American History
Spanish/French/Mandarin 2 or 3
Geometry, or Geo/Trig Honors, or Algebra 2 honors
Biology or Chemistry
One DMHS Elective
** Personal Project

Students must also take Government and Economics prior to graduation.

Eleventh Grade IB

English HL (year 1)
Choice of 2 HLs (year 1): History, Chemistry, Biology, Theatre, Spanish, Math, or Art
Two IB SL Classes: Art, Psychology, Music, Physics, Chemistry, Business and Management, Economics, Biology, Theatre, History, Spanish, French, Mandarin, Dance, Math
One DMHS Elective

Twelfth Grade IB

English HL (year 2)
2 HL Classes from junior year (year 2): History, Chemistry, Biology, Theatre, Spanish, Math, or Art
One IB SL Class: Art, Psychology, Music, Physics, Chemistry, Business and Management, Economics, Biology, Theatre, History, Spanish, French, Mandarin, Dance, Math
Theory of Knowledge
One DMHS Elective



from: www.ibo.org

What is the IB DP Curriculum?

During the junior and senior years, students are required to take:

- 3 Higher Level (HL) classes
- 3 Standard Level (SL) classes

The HL classes require two years of study during the student's junior and senior years.

The SL classes require one year of study at either the junior or senior year.

During the junior year, most students take the first year of 3 HL classes and complete 2 SL classes, and in their senior year, they complete the second year of 3 HL classes and complete 1 SL class.

How do Students Earn the IB Diploma?

Usually juniors test in two SL subjects in May of their junior year. Students take the remaining four subject examinations in May of their senior year, which usually consist of three HL tests and one SL test. Every subject area has its own testing regimen consisting of internal assessments (administered by the teacher) and external assessments (administered by the IB organization).

IB examinations are scored on a 1- 7 scale. Although there are 42 points possible, students only need to acquire 24 points to meet the IB diploma requirements. In addition, 3 points may be earned from the combination of TOK and Extended Essay scores, making 45 the absolute maximum number of points achievable.

Desert Mountain currently offers:

Group 1 Language A:

- Language A: Literature HL

Group 2 Language B:

- French SL
- Spanish SL/HL
- Mandarin SL

Group 3 Individuals and Society:

- History of the Americas HL/SL
- Psychology SL
- Business and Management SL
- Economics SL

Group 4 Experimental Sciences:

- Biology HL/SL
- Physics SL
- Chemistry HL/SL
- Computer Science SL

Group 5 Mathematics:

- Mathematics Applications and Interpretations HL/SL
- Mathematics Analysis and Approaches HL/SL

Group 6 The Arts:

- Visual Arts HL/SL
- Music SL
- Theater HL/SL
- Dance SL

What Are the Three Components of IB DP?

Aside from the IB curriculum, all DP students must complete IB's three core components during their junior and senior years:

Creativity, Activity and Service, otherwise known as the (CAS) requirement takes seriously the importance of life outside the world of academics and supports the students' involvement in community activities. Students must complete 75 hours of community involvement both their junior and senior years.

- **Creativity** is interpreted broadly to include a wide range of arts and activities as well as the creativity students demonstrate in designing and implementing service projects.

- **Activity** can include not only participation in individual and team sports but also taking part in local or international projects.

- **Service** encompasses both community and social service activities. Some examples include helping children with special needs, visiting hospitals and working with refugees or homeless people.

A system of self-evaluation encourages students to reflect on the benefits of CAS participation to themselves and to others.

The **Extended Essay** is an independent, self-directed 4000 word research paper. The EE helps provide research preparation that is required at the college level, and it gives students an opportunity for an in-depth study of a topic that interests them.

Emphasis is placed on formulating an appropriate research question, engaging in a personal exploration of the topic, communicating ideas and developing an argument. Students will ask a faculty mentor to support and supervise them throughout the process with advice and guidance.

Theory of Knowledge (TOK) is a required interdisciplinary class that offers students an opportunity to reflect critically on diverse ways of knowing and on areas of knowledge while considering the role and nature of knowledge in their own culture, in the cultures of others and in the wider world.

Also, it prompts students to be aware of themselves as thinkers, to become more acquainted with the complexity of knowledge, and recognize the need to act responsibly in an increasingly interconnected but uncertain world.

from: www.ibo.org

IB MYP Personal Project

The MYP personal project is a student-centered and age-appropriate practical exploration in which students consolidate their learning throughout the programme. This year long project is designed as an independent learning experience. The personal project formally assesses students' Approaches to Learning (ATL) skills for self-management, research, communication, critical and creative thinking, and collaboration. The personal project encourages students to practice and strengthen their ATL skills, to connect classroom learning engagements with personal experience, and to develop their own interests for lifelong learning.

Examples:

- Indian family cookbook recipes
- Dress based on Starry Night painting
- Charcoal Expressionism
- Learning Morse Code
- Hiking Thompson Peak
- Becoming a drum major
- Learn to play guitar
- Acrylic painting
- Writing a musical play
- Chaos and Cosmos

Testing Statistics: IB Diplomas Earned

Class	Diplomas Earned	Diploma Candidates	Success Rate	Class	Diplomas Earned	Diploma Candidates	Success Rate
2020	40	45	89%	2013	58	62	94%
2019	34	41	83%	2012	58	60	97%
2018	34	43	79%	2011	45	52	86%
2017	48	57	84%	2010	41	54	75%
2016	58	75	77%	2009	42	46	91%
2015	48	58	83%	2008	46	49	94%
2014	85	97	88%	2007	45	53	85%

National Merit Semi-Finalists

Class	DMHS	IB DMHS	Class	DMHS	IB DMHS
2021	5	3	2014	14	11
2020	7	5	2013	10	10
2019	11	4	2012	11	9
2018	7	5	2011	11	9
2017	11	10	2010	9	4
2016	8	3	2009	11	7
2015	10	6	2008	16	11

Did You Know?

- IB education originated in Geneva, Switzerland in 1968
- There are IB programs in 157 countries around the world
- There are 6,812 IB programs offered worldwide
- There are 942 IB Diploma programs offered in the United States
- There are 664 IB Middle Years programs offered in the United States
- Desert Mountain High School has had an IB Diploma program since 1999
- 17% of Desert Mountain students participate in our IB programs

How Much College Credit Are Our Students Earning?

For earning an IB diploma, our IB graduates are reporting that they have earned the following college credits. Please remember that this will vary from student to student and may change throughout the years.

University of Arizona– 17-36 credits	George Washington University– 12 credits
Arizona State University– 12-20 credits	Southern Methodist University– 20 credits \$12,000 scholarship for a score of 40 or higher
Boston College– 20 credits	University of Pittsburgh– 12 credits
U of CA, Berkeley & UCLA– Soph. Status	Gonzaga University– 6 credits
American University– 17 credits	Tulane– 7 credits
Occidental College– 12 credits	Texas A & M– 32 credits
UC– San Diego– 30 credits	Colorado State– 29 credits
USC– 20 elective units	Cal Poly– San Luis Obispo– 24 hours
Emory University– 12 units	University of Northern Colorado– 18 credits
University of Tulsa– 40 credits	

In What Activities are IB Students Involved?

Varsity Sports

- Girls' Volleyball
- Boys'/Girls' Basketball
- Girls' Golf
- Boys'/Girls' Soccer
- Boys'/Girls' Track and Field
- Boys'/Girls' Cross Country
- Boys'/Girls' Tennis
- Boys'/Girls' Swim and Dive
- Wrestling
- Football

Clubs and Organizations

- National Honor Society
- Spanish Honor Society
- Key Club
- DECA
- DMHS Newspaper– Wolf Print
- Student Government
- Drama Club
- Science Olympiad
- International Thespian Society
- Teen Court
- Desert Dance Company
- Sultans of Rock
- IB Student Association
- Ambassador's Club
- Marching Band

Activities/Work

- Boy/Girl Scouts
- Mayor's Youth Council
- Palomino Teen Advisory Board
- Phoenix Youth Symphony
- DMHS Theater Productions: Community Theater
- Lacrosse
- Karate
- Volunteering at Mayo Clinic
- Volunteering at the Boys'/Girls' Club
- Volunteering at the Scottsdale Libraries

DMHS/Arizona/US IB Diploma Passing Rates

Class	DMHS	Arizona	US
2019	83%	60.4%	63.7%
2018	79%	62.3%	65.6%
2017	84%	63.4%	66.7%
2016	77%	65.6%	68.9%

Where do our Students Attend College?

The classes of 2006-2019 are attending the following colleges:

- American University
- Amherst University
- Arizona St. University
- Boston University
- Brandeis University
- Brown University
- Columbia University
- Chapman University
- Claremont McKenna
- Columbia University
- Cornell University
- Dartmouth University
- Duke University
- Emory University
- Georgetown University
- George Washington
- Georgia Tech
- Gonzaga University
- Harvard University
- Harvey Mudd College
- Haverford College
- Loyola Marymount
- MIT
- Middlebury College
- Mount Holyoke College
- New York University
- Northwestern
- Occidental College
- Reed College
- Rice University
- Scripps College
- Southern Methodist
- Stanford University
- Syracuse University
- Texas A & M
- Tufts University
- US Naval Academy
- University of Arizona
- U of California– Berkeley
- UCLA
- U of California– San Diego
- U of Colorado– Boulder
- U of Illinois– Urbana
- U of Michigan
- U of Notre Dame
- University of San Diego
- USC
- U of Tulsa
- U of Victoria– BC
- U of Washington
- Vanderbilt University
- Vassar College
- Washington University in St. Louis
- Wellesley College
- West Point
- Yale University

What Former IB Students Say:

IB was the wisest most impacting choice I made in high school. I was able to study under brilliant teachers at Desert Mountain who truly cared about my education. For me, the program seemed easier than regular classes despite the work load that it offered because I was actually able to learn from the teachers who worked hard to teach in ways I could understand. I'm even more grateful that I could enter college with over a semester's worth of credits and the majority of my gened completed. I would recommend the program, especially at Desert Mountain, to anyone.

- Chris

The International Baccalaureate program is a life-altering experience because of the demands it places on the student. The end result is a student able to think beyond binary terms with superb time management skills. These skills are exactly what a student needs to succeed in higher education. As a college freshmen, most of my peers still write/think in binary terms rather than addressing a spectrum of degrees. The infamous IB phrase "to what extent" is the backbone to success in most classes. The program was incredibly helpful to success in college (including admissions and classes).

- Alena

