

Partnering for Student Success: Strategies and Resources for Math Dual Enrollment

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Discussion Outline

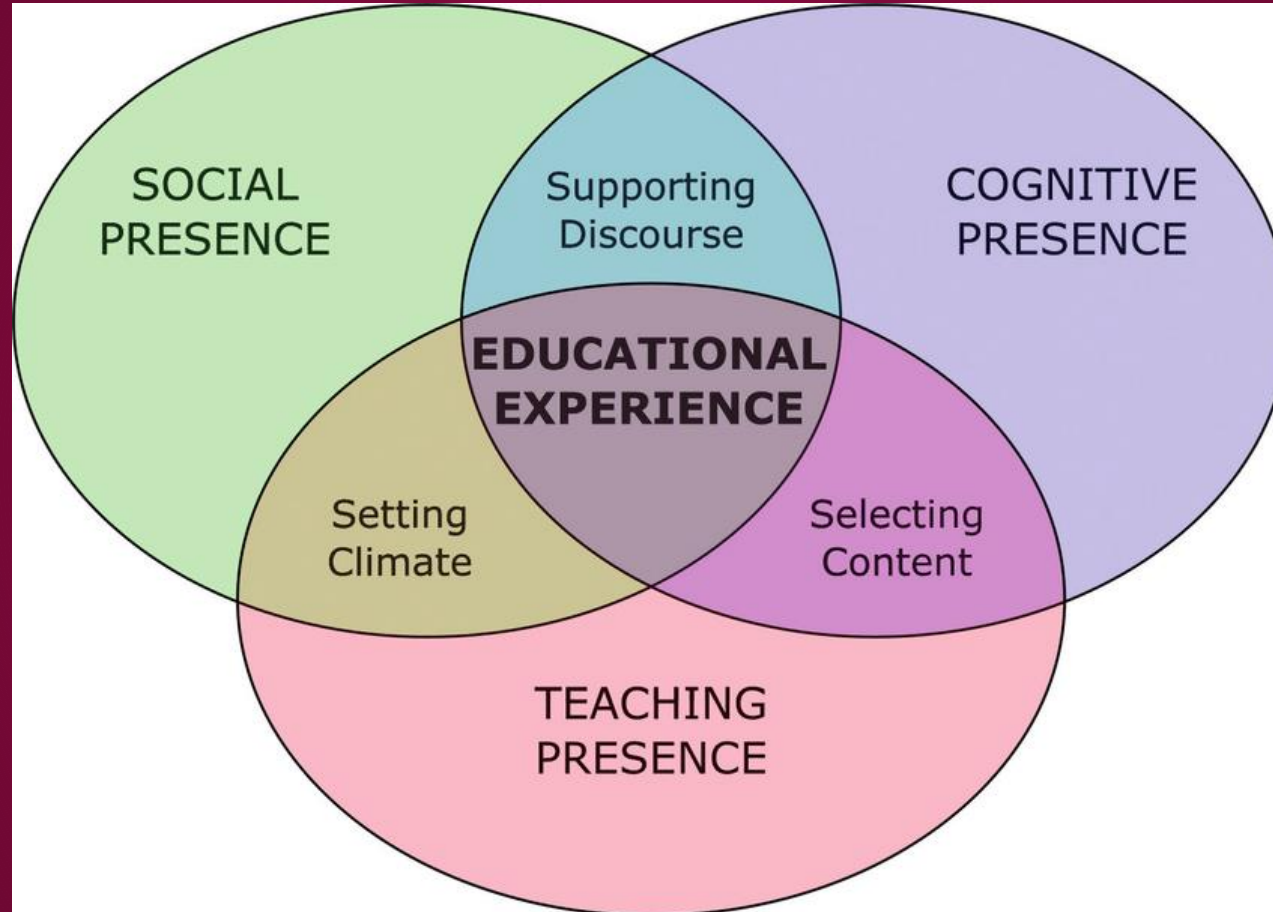
- Facilitating Partnerships
- Missoula College's Math Offerings and Philosophy
- Placement and the Transition to College Math

Facilitating Partnerships

- DE Community Development
- Sharing of Resources
- Zoom meetings as needed for Continual Development and Improvement

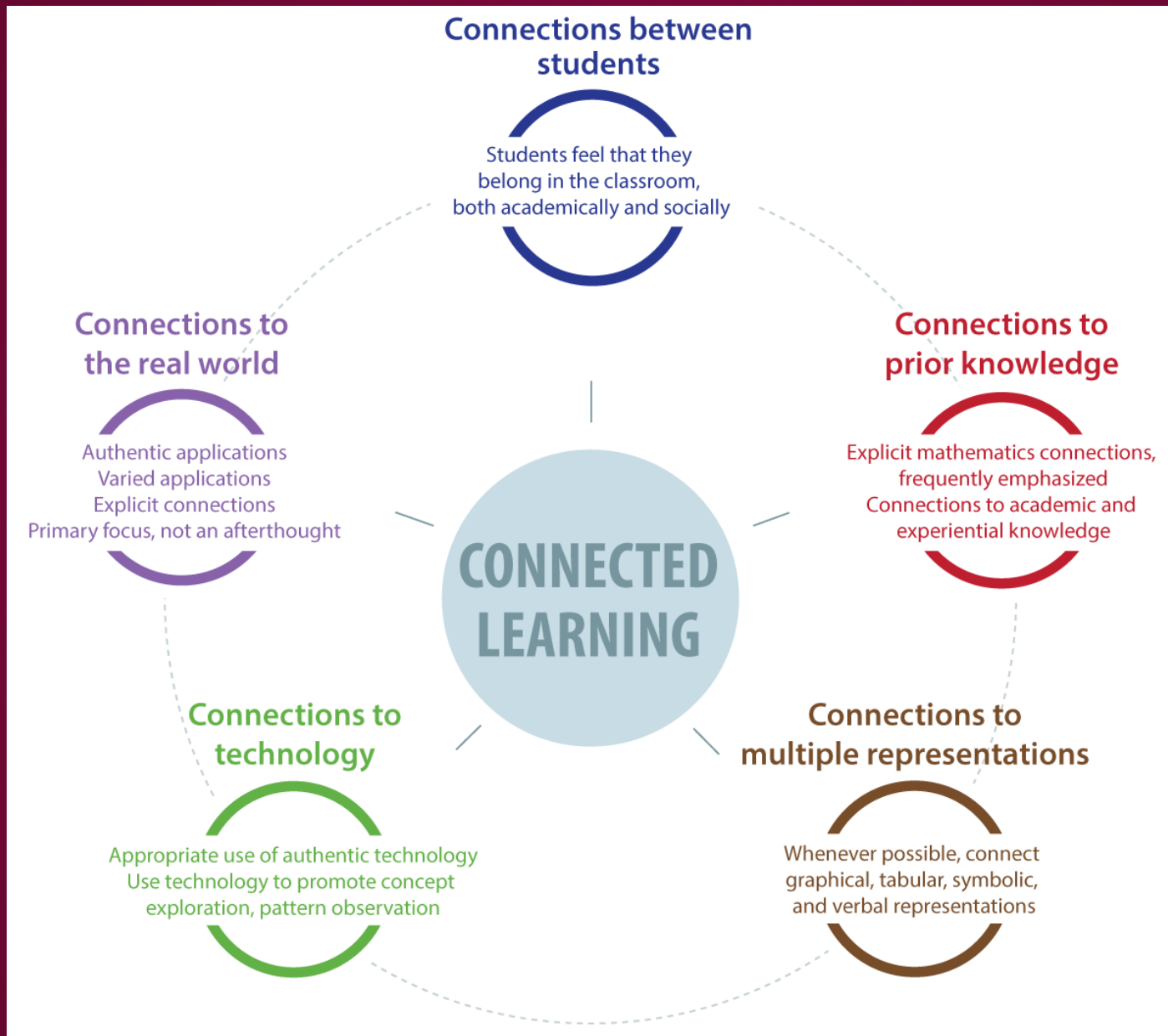
Missoula College's Math Offerings and Philosophy

- Math Pathways
- Co-Requisite Offerings
- Calculators
- OER



Psychosocial Factors in Building a Learning Culture and Math Community

- Capability
 - Growth Mindsets
 - Self-efficacy
- Purpose
 - Relevance to program of study
 - Relevance to self/lives/family/community
- Belonging
 - To the class
 - To the institution
 - To the field



Psychosocial Factors in Building a Learning Culture and Math Community

- Students value education when they understand how it is related to things they care about and how it can help them reach their long-term goals
- Students value their coursework when they believe it is relevant to their lives and experiences and/or will help them connect to a purpose that is bigger than themselves—whether it is a contribution to their family, their community, society at large, or something else.
- Students’ perception of the purpose or relevance of their coursework shapes their responses to adversity in college.

Psychosocial Factors in Building a Learning Culture and Math Community

When students are exposed to, discuss, and present multiple solutions to a problem, they:

- See that everyone's thought process is respected and valued
- Consider different ways of thinking about or solving a problem
- Learn that math is not a rigid discipline, but rather allows for personal understanding and individualized approaches

MyOpenMath

The screenshot shows a web browser window with the URL `myopenmath.com`. The page features a navigation menu with links for `Welcome`, `Student Self Study`, `For Instructors`, `LTI`, and `About Us`. A large banner area contains the word `Welcome` and a colorful mathematical plot. The main content area is divided into sections: `Free and Open`, `Students`, `Instructors`, and `Getting Started`. A `Login` box is positioned on the right side of the page, containing input fields for `Username` (with the value `laurenfern`) and `Password` (masked with dots), a `Login` button, and links for `Register as a new student`, `Forgot Password`, and `Forgot Username`. The footer contains copyright information: `MyOpenMath is powered by IMathAS © 2006-2022 David Lippman with financial support from XYZ Homework and Lumen Learning Privacy Policy | Accessibility`.

MyOpenMath

Welcome | Student Self Study | For Instructors | LTI | About Us

Welcome

Free and Open

Students

Are you a student looking to study mathematics on your own, and want to do exercises with immediate feedback as you work through a free and open textbook? Then read more about our [self study courses](#).

Instructors

Are you an instructor who wants to adopt an open textbook, who feels online interactive homework is valuable, but doesn't want their students to have to pay an additional fee? Then read more about using [MyOpenMath in the classroom](#).

Getting Started

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If you are a new student to the system, [register as a new student](#)

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Login

Username:

Password:

Login

[Register as a new student](#)

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Placement and Transition to College Math

- Multiple Measures
- EdReady Skills/Soft Placement
- Moving Forward.....

	Level 1	Level 1.5	Level 2	Level 2.5	Level 3	Level 4	Level 4.5
ACT alone	Below 17	18	21	22	23	25	
SAT alone	Below 460	460	530	540	560	590	
ACT and HS GPA		15-17 & 3.0 GPA	20 & 3.2 GPA	21 & 3.4 GPA	21-22 & 3.5 GPA	23-24 & 3.6 GPA & HS Precalc or Calculus with a B- or better	
SAT and HS GPA		400-450 & 3.0 GPA	510-520 & 3.2 GPA	530 & 3.4 GPA	530-550 & 3.5 GPA	560-580 & 3.6 GPA & HS Precalc or Calculus with a B- or better	
EdReady** Placement	< 46	46-48	49-51	52-54	55-64	65-69	70 & Take Calculus Placement Test for M171
Maplesoft Placement	M01: <9	M01: 9-15	M01 16	M02 12	M02 14	M02 17 M03 10	M03 15
Math Courses by Tier	*M065 or M105+	*M090 or M115+	*M095, M105, or M115	M121+	*M121, M132, or STAT 216	*M151 or M162	Take Calculus Placement Test for M171

EdReady Math Placement Matrix

	Initial EdReady Score		How to improve placement	Improved math placement based on Study Path Score						
	EdReady Initial Score	Initial Math Placement		Level 1	Level 1.5	Level 2	Level 2.5	Level 3	Level 4	Level 4.5
Initial math placement	<46	Level 1	Complete the EdReady Study Path. Improved placement depends on Study Path Score.	<65	65	69	73	--	--	--
	46	Level 1.5		--	<69	69	73	78	--	--
	49	Level 2		--	--	<73	73	78	--	--
	52	Level 2.5		--	--	--	<78	78	97	--
	55	Level 3		--	--	--	--	<97	97	--
	65	Level 4		--	--	--	--	--	<100	100
	70	Level 4.5	Can improve math placement by taking calculus test (separate test outside of EdReady – see Math Dept)							