

Room Utilization

Why the need for additional classroom space at MLHS?

Master Scheduling & Bell Scheduling

Mountain Lakes School District

Board of Education Presentation: 6.6.16

Jeremy Davies, Principal

Willieneil French, Director of Guidance

Part I: The Master Schedule

Part II: Instructional Impact

Part III: Alternative Bell Scheduling

Classroom Overview

- 15 Standard Classrooms
- 4 Teaching Stations (auditorium seating)
- 3 Trailer Units
- 6 Science Labs
- 1 Science Classroom (Room 403)
- 1 CAD Lab
- 1 Computer Lab
- 1 Home Economics Room
- 2 Art Rooms
- 1 Band Room
- 1 Chorus Room
- 2 Gyms
- 3 Lake Drive classrooms (max of 15)
- 3 Special Education classrooms (max of 10)

Sectioning

15 Standard Classrooms

(not including the Sciences, the Arts, or 21st Century Skills courses (computers, nutrition, etc.)

(15 classrooms) x (9 Periods) = **135 available classroom spaces**

Not including the Sciences, the Arts, or 21st Century Skills courses, MLHS currently offers **134 sections** of courses.

	A	B	C	D	E	F	G	H	I	J
1	Course Name	Course #	Period	Days	Teacher	Section	Class Cap	Teache	Room #	
2	World Cultures	200	1	MTWRF	Connors	1	30	Fusco/Eklu	445	
3	World Cultures	200	2	MTWRF	Connors	2	30	Fusco/Eklu	445	
4	World Cultures	200	8	MTWRF	Connors	3	30	Eklund	445	
5	US 1	223	5	MTWRF	Connors	1	30	Geveke	367	
6	US 1	223	6	MTWRF	Connors	2	30	Geveke	367	
7	US 1 Honors	220	6	MTWRF	Cosgrove	1	24		331	
8	US 1 Honors	220	7	MTWRF	Cosgrove	2	24		331	
9	AP Economics	273	2	MTWRF	Cosgrove	1	30		331	
10	AP Economics	273	3	MTWRF	Cosgrove	2	30		331	
11	AP Economics	273	9	MTWRF	Cosgrove	3	30		331	
12	Psychology (Semester 1)	257	7	MTWRF	Geveke	1	30		332	
13	Psychology (Semester 2)	257	4	MTWRF	Geveke	2	30		367	
14	US 2	225	7	MTWRF	Gillespie	1	25	Reid	TCU3	
15	US 2 (PXL)	225	2	MTWRF	Gillespie	2	25		TCU3	
16	AP Government	272	5	MTWRF	Gillespie	1	30			
17	AP Government	272	6	MTWRF	Gillespie	2	30		TCU3	
18	AP Government	272	9	MTWRF	Gillespie	3	30		TCU3	
19	World Cultures	200	3	MTWRF	Hoffman	4	30	Du	445	
20						5	30	Du	445	
21						6	30	Du	445	
22						3	30		445	
23						4	30		220	
24						1		None		
25						1	30		164	
26						7	30	Eklund	445	
27						3	30		331	
28						1	30		331	
29						2	30		170	
30						3	30		331	
31						1	30		332	
32						2	30		332	
33	AP Art History	224	9	MTWRF	Ziccardi	1	30		332	

The Scheduling Process:

(Screen capture from 5.28.16)

- Courses have been placed and teachers assigned to best benefit students.
- Adjustments must now be made to accommodate the physical building, i.e. classroom space.
- This means changing what is best for students and learning in order to fit what we need into the space that MLHS offers.

	A	B	C	D	E	F	G	H	I	J	K
1			1	2	3	4	5	6	7	8	9
2		108									
3		109									
4		118									
5		119		Leo		Leo		Leo		Leo	
6	Math	164	Pas	Pas - W	Pas	Sanchez	Pas	Pas		Pas	
7	Math	166	Alf		Alf	Alf	TBD WL	Alf	Alf		
8	Math	168	Bzd	Kra	Bzd	Kra	Kra	Bzd	Kra		Kra
9	Math	169		Blood	Dow	Blood	Blood	Blood	Bzd	Blood	Bzd
10	Math	170	McG	McG - M	Schu	Bar	McG	McG		McG	McG - R
11	Sci	171									
12	Sci	174									
13	Sci	175									
14	Sci	206		McG - W	McG						
15	Sci	212									
16	Sci	218									
17	Eng	220	Bar	But	Gill	Hur	Hur	Bar	But	Bar	But
18	Eng	222	AAU	Ces	AAU	Ces	Ces	Du	Ces	Hoff	
19	Band	301									
20	Choir	302									
21	SE	330									
22	SS	331	Schu	Cos	Cos	Henry	Schu	Cos	Cos	Schu	Cos
23	SS	332	Zicc	Zicc	K-M	K-M	K-M	Zicc	Gev (S)	Zicc	Zicc
24	SE	333									
25	LD	334									
26	Art	341									
27	LD	351									
28	LD	355									
29	WL	360	Gomez	Gomez	Conc	Gomez	Conc	Conc	Conc	Gomez	Conc
30	CompLab	362	Hor		Hor		Hor		Hor	Hor	
31	FOODS	363									
32	WL	364	Rod	Rod	Bes	Bes	Bes	Rod	Gomez	Bes	Bes
33	WL	365		Lar	Lar	Rod	Lar	Lar	Rod	K-M	Lar
34	WL	367		TBD WL	TBD WL	Gev (F)	Con	Con	TBD WL	TBD WL	
35	SE	370									
36	Sci	403									
37	Art	405			Dav/Gill						
38	Eng	435	Ekl	Ekl	Du	Du	But	Ekl	Ekl	Du	
39	SS	445	Con	Con	Hoff	Hoff	Hoff	Schu	Hoff	Con	
40	D&D	455	White	White	White		White		White		White
41	Math	TCU1	Har	Har		Har	Har		Har		
42		TCU3		Gill	Henry	Alese	Alese	Gill	Gill		Gill
43	LD	TCU2									
44											

Where to place Ms. Gillespie's Period 5, AP Government?

Constraints to consider in priority order:

1. Minimize student conflicts
2. Evaluate teacher needs (not teaching too many sections in a row, being able to travel within the 3 minutes between periods, maintaining some level of room consistency).
3. Find rooms that are most conducive to the subject matter.

When rooms are exhausted, we are forced to move the period that the section will run, which creates more student course conflicts. Begin at step one again.

	A	B	C	D	E	F	G	H	I	J	K
1			1	2	3	4	5	6	7	8	9
2		108									
3		109									
4		118									
5		119		Leo		Leo		Leo		Leo	
6	Math	164	Pas	Pas - W	Pas	Sanchez	Pas	Pas		Pas	
7	Math	166	Alf		Alf	Alf	TBD WL	Alf	Alf		
8	Math	168	Bzd	Kra	Bzd	Kra	Kra	Bzd	Kra		Kra
9	Math	169		Blood	Dow	Blood	Blood	Blood	Bzd	Blood	Bzd
10	Math	170	McG	McG - M	Schu	Bar	McG	McG		McG	McG - R
11	Sci	171									
12	Sci	174									
13	Sci	175									
14	Sci	206		McG - W	McG						
15	Sci	212									
16	Sci	218									
17	Eng	220	Bar	But	Gill	Hur	Hur	Bar	But	Bar	But
18	Eng	222	AAU	Ces	AAU	Ces	Ces	Du	Ces	Hoff	
19	Band	301									
20	Choir	302									
21	SE	330									
22	SS	331	Schu	Cos	Cos	Henry	Schu	Cos	Cos	Schu	Cos
23	SS	332	Zicc	Zicc	K-M	K-M	K-M	Zicc	Gev (S)	Zicc	Zicc
24	SE	333									
25	LD	334									
26	Art	341									
27	LD	351									
28	LD	355									
29	WL	360	Gomez	Gomez	Conc	Gomez	Conc	Conc	Conc	Gomez	Conc
30	CompLab	362	Hor		Hor		Hor		Hor	Hor	
31	FOODS	363									
32	WL	364	Rod	Rod	Bes	Bes	Bes	Rod	Gomez	Bes	Bes
33	WL	365		Lar	Lar	Rod	Lar	Lar	Rod	K-M	Lar
34	WL	367		TBD WL	TBD WL	Gev (F)	Con	Con	TBD WL	TBD WL	
35	SE	370									
36	Sci	403									
37	Art	405			Dav/Gill						
38	Eng	435	Ekl	Ekl	Du	Du	But	Ekl	Ekl	Du	
39	SS	445	Con	Con	Hoff	Hoff	Hoff	Schu	Hoff	Con	
40	D&D	455	White	White	White		White		White		White
41	Math	TCU1	Har	Har		Har	Har		Har		
42		TCU3		Gill	Henry	Alese	Alese	Gill	Gill		Gill
43	LD	TCU2									
44											

Where to place Ms. Gillespie's Period 5, AP Government?

Possibilities:



Room 119

- Teaching Station within Auditorium
- English
- 4 periods of use; 1 teacher



Room 331

Social Studies, Latin, Special Education
9 periods of use; 4 teachers



Room 332

Social Studies, Math, Lake Drive, Latin
9 periods of use; 5 teachers



Room 367

- English, Math, World Language, Social Studies,
- 8 periods of use; 6 teachers

Rooms 360 & 362

Formerly Room 360 – The Computer Lab
Divided into 2 spaces, summer 2014



Rooms 403 & 405

Formerly Room 405 – The Woodshop
Divided into 2 spaces, summer 2013



“I did want to share my thoughts about block scheduling. I do think the concept is a good one, and the 48 and 54 minute classes we have been using these days work for both teachers and students, I do not think that longer blocks of time will be very productive, especially for many special education students who may have attentional deficits and sustained focusing issues.”

~ Special Education Teacher email, 5.18.16