I)   CORE TEACHING

A) One concept used in the master schedule involves one teacher, teaching two or more courses, to the same group of students. This concept has different names in different school districts or individual schools, but this workshop will use the term "core teaching". Two examples will be used to illustrate the application of the Aeries software to core teaching.

B) EXAMPLE #1

This example illustrates one teacher teaching four courses, to the same group of students. There are ten groups of students, taught by ten different teachers. There are 306 students in the sixth grade, so the average number of students in each core group will be 30.6.

The core courses are English, Social Studies, Reading and Math. All sixth grade students take the core courses, plus Physical Ed, Science, and an exploratory elective.

The teachers of the core groups are Adams, Baker, Clark, Dean, Evans, Flores, Grant, Hernandez, Irwin and Jones.

In this example of the master schedule, the TmCrsGp and the Team# fields have been left blank. Complete the TmCrsGp and Team# fields for each section so that the scheduler will keep the students with the same teacher for the four core courses.

EXAMPLE #1

The Scheduling Master Schedule (SMS) table for the core courses is as follows:

SEC#	PER	CRS	TITLE	TCH#	Name	TmCrsGp	Team#
1070	1	0601	English 6	105	Adams	_____	_____
2071	2	0601	English 6	110	Baker	_____	_____
3072	3	0601	English 6	115	Clark	_____	_____
2073	2	0601	English 6	120	Dean	_____	_____
5074	5	0601	English 6	125	Evans	_____	_____
6075	6	0601	English 6	130	Flores	_____	_____
7076	7	0601	English 6	135	Grant	_____	_____
1077	1	0601	English 6	140	Hernandez	_____	_____
2078	2	0601	English 6	145	Irwin	_____	_____
3079	3	0601	English 6	150	Jones	_____	_____
2070	2	0602	Social Studies 6	105	Adams	_____	_____
3071	3	0602	Social Studies 6	110	Baker	_____	_____
4072	4	0602	Social Studies 6	115	Clark	_____	_____
5073	5	0602	Social Studies 6	120	Dean	_____	_____
6074	6	0602	Social Studies 6	125	Evans	_____	_____
7075	7	0602	Social Studies 6	130	Flores	_____	_____
1076	1	0602	Social Studies 6	135	Grant	_____	_____
3077	3	0602	Social Studies 6	140	Hernandez	_____	_____
3078	3	0602	Social Studies 6	145	Irwin	_____	_____
5079	5	0602	Social Studies 6	150	Jones	_____	_____
3070	3	0603	Reading 6	105	Adams	_____	_____
4071	4	0603	Reading 6	110	Baker	_____	_____
5072	5	0603	Reading 6	115	Clark	_____	_____
6073	6	0603	Reading 6	120	Dean	_____	_____
7074	7	0603	Reading 6	125	Evans	_____	_____
1075	1	0603	Reading 6	130	Flores	_____	_____
2076	2	0603	Reading 6	135	Grant	_____	_____
5077	5	0603	Reading 6	140	Hernandez	_____	_____
6078	6	0603	Reading 6	145	Irwin	_____	_____
7079	7	0603	Reading 6	150	Jones	_____	_____
4070	4	0604	Math 6	105	Adams	_____	_____
5071	5	0604	Math 6	110	Baker	_____	_____
7072	7	0604	Math 6	115	Clark	_____	_____
7073	7	0604	Math 6	120	Dean	_____	_____
1074	1	0604	Math 6	125	Evans	_____	_____
2075	2	0604	Math 6	130	Flores	_____	_____
3076	3	0604	Math 6	135	Grant	_____	_____
7077	7	0604	Math 6	140	Hernandez	_____	_____
1078	1	0604	Math 6	145	Irwin	_____	_____
2079	2	0604	Math 6	150	Jones	_____	_____

D) EXAMPLE #2

This example illustrates one teacher teaching three courses, to the same group of students. Like example #1, there are ten groups of students. The difference between the first example and this example is the way that the teachers are assigned to the core groups. The core groups are taught by seven different teachers, with three teachers teaching two groups of students. There are 306 students in the sixth grade, so the average number of students in each core group will still be 30.6.

The core courses are English, Social Studies and Reading. All sixth grade students take the core courses plus Math, Physical Ed, Science and an exploratory elective.

The teachers teaching two different groups of students are Adams, Baker and Clark. The other groups of students are taught by Dean, Evans, Flores and Grant.

In this example of the master schedule, the TmCrsGp and the Team# fields have been left blank. Complete the TmCrsGp and Team# fields for each section so that the scheduler will keep the students with the same teacher for the three core courses.

EXAMPLE #2

The Scheduling Master Schedule (SMS) table for the core courses is as follows:

SEC#	PER	CRS	TITLE	TCH#	Name	TmCrsGp	Team#
1070	1 (1)	0601	English 6	105	Adams	_____	_____
5070	5 (2)	0601	English 6	105	Adams	_____	_____
2071	2 (3)	0601	English 6	110	Baker	_____	_____
6071	6 (4)	0601	English 6	110	Baker	_____	_____
3072	3 (5)	0601	English 6	115	Clark	_____	_____
7072	7 (6)	0601	English 6	115	Clark	_____	_____
4073	4	0601	English 6	120	Dean	_____	_____
1074	1	0601	English 6	125	Evans	_____	_____
2075	2	0601	English 6	130	Flores	_____	_____
3076	3	0601	English 6	135	Grant	_____	_____
2070	2 (1)	0602	Social Studies 6	105	Adams	_____	_____
6070	6 (2)	0602	Social Studies 6	105	Adams	_____	_____
3071	3 (3)	0602	Social Studies 6	110	Baker	_____	_____
7071	7 (4)	0602	Social Studies 6	110	Baker	_____	_____
4072	4 (5)	0602	Social Studies 6	115	Clark	_____	_____
1072	1 (6)	0602	Social Studies 6	115	Clark	_____	_____
5073	5	0602	Social Studies 6	120	Dean	_____	_____
3074	3	0602	Social Studies 6	125	Evans	_____	_____
4075	4	0602	Social Studies 6	130	Flores	_____	_____
5076	5	0602	Social Studies 6	135	Grant	_____	_____
3070	3 (1)	0603	Reading 6	105	Adams	_____	_____
7070	7 (2)	0603	Reading 6	105	Adams	_____	_____
4071	4 (3)	0603	Reading 6	110	Baker	_____	_____
1071	1 (4)	0603	Reading 6	110	Baker	_____	_____
5072	5 (5)	0603	Reading 6	115	Clark	_____	_____
2072	2 (6)	0603	Reading 6	115	Clark	_____	_____
6073	6	0603	Reading 6	120	Dean	_____	_____
5074	5	0603	Reading 6	125	Evans	_____	_____
6075	6	0603	Reading 6	130	Flores	_____	_____
7076	7	0603	Reading 6	135	Grant	_____	_____

(1)   First core taught by Adams
(2)   Second core taught by Adams
(3)   First core taught by Baker
(4)   Second core taught by Baker
(5)   First core taught by Clark
(6)   Second core taught by Clark

II)   TEAM TEACHING

A) Another concept used in the master schedule involves one group or team of teachers, teaching two or more courses, to the same group of students. This concept also has different names in different school districts or individual schools, but this workshop will use the term "team teaching". Two examples will be used to illustrate the application of the Aeries software to team teaching.

B) EXAMPLE #3

This example illustrates one team of three teachers, teaching three courses, to the same group of students. There are three teams of three teachers teaching 280 students in the seventh grade. The average number of students on each team is 93.3.

The courses and teams are as follows:

CRS	TITLE	TEAM #1	TEAM #2	TEAM #3
0024	English 7	King	Nelson	Quigley
0031	Social Studies 7	Lewis	Olson	Ramirez
0037	Math 7	Miller	Parker	Scott

The first team of teachers is comprised of King teaching English, Lewis teaching Social Studies, and Miller teaching Math. The second team of teachers is comprised of Nelson teaching English, Olson teaching Social Studies, and Parker teaching Math. The third team of teachers is comprised of Quigley teaching English, Ramirez teaching Social Studies, and Scott teaching Math.

In this example of the master schedule, the TmCrsGrp and the Team# fields have been left blank. Complete the TmCrsGp and Team# fields for each section so that the scheduler will keep the students with the same team for the three teamed courses.

EXAMPLE #3

The Scheduling Master Schedule (SMS) table for the teamed courses is as follows:

SEC#	PER	CRS	TITLE	TCH#	Name	TmCrsGp	Team#
3013	3 (1)	0024	English 7	155	King	_____	____
4013	4 (1)	0024	English 7	155	King	_____	____
7013	7 (1)	0024	English 7	155	King	_____	____
1015	1 (2)	0024	English 7	170	Nelson	_____	____
2013	2 (2)	0024	English 7	170	Nelson	_____	____
6012	6 (2)	0024	English 7	170	Nelson	_____	____
5012	5 (3)	0024	English 7	185	Quigley	_____	____
6013	6 (3)	0024	English 7	185	Quigley	_____	____
7014	7 (3)	0024	English 7	185	Quigley	_____	____
1004	1 (1)	0031	Social Studies 7	160	Lewis	_____	____
5010	5 (1)	0031	Social Studies 7	160	Lewis	_____	____
6002	6 (1)	0031	Social Studies 7	160	Lewis	_____	____
4010	4 (2)	0031	Social Studies 7	175	Olson	_____	____
6009	6 (2)	0031	Social Studies 7	175	Olson	_____	____
7002	7 (2)	0031	Social Studies 7	175	Olson	_____	____
1012	1 (3)	0031	Social Studies 7	195	Ramirez	_____	____
2005	2 (3)	0031	Social Studies 7	195	Ramirez	_____	____
3010	3 (3)	0031	Social Studies 7	195	Ramirez	_____	____
1003	1 (1)	0037	Math 7	165	Miller	_____	____
2003	2 (1)	0037	Math 7	165	Miller	_____	____
3003	3 (1)	0037	Math 7	165	Miller	_____	____
1008	1 (2)	0037	Math 7	180	Parker	_____	____
2008	3 (2)	0037	Math 7	180	Parker	_____	____
5007	5 (2)	0037	Math 7	180	Parker	_____	____
2009	2 (3)	0037	Math 7	195	Scott	_____	____
4007	4 (3)	0037	Math 7	195	Scott	_____	____
7006	7 (3)	0037	Math 7	195	Scott	_____	____

(1)   Team #1
(2)   Team #2
(3)   Team #3

D) EXAMPLE #4

This example illustrates one team of two teachers, teaching two courses, to the same group of students. There are two teams of two teachers for 130 students out of 297 students in eighth grade. The remaining students are not to be on a team. The average number of students on each team is 65.0, with 167 students not on a team.

The courses and teams are as follows:

CRS	TITLE	TEAM #1	TEAM #2	NON-TEAM
0027	English 8	Taylor	Vasquez	Groover
				Jackson
0033	Social Studies 8	Unger	Walker	Billings
				Robbins

The first team of teachers is comprised of Taylor teaching English, and Unger teaching Social Studies. The second team of teachers is comprised of Vasquez teaching English, and Walker teaching Social Studies. The non-team teachers are Groover and Jackson teaching English, and Billings and Robbins teaching Social Studies.

In this example of the master schedule, the TmCrsGp and Team# fields have been left blank. Complete the TmCrsGp and Team# fields for each section so that the scheduler will keep some of the students with the same team of teachers for the teamed courses, with the remaining students being split between the non-teamed teachers.

The Scheduling Master Schedule (SMS) table for English and Social Studies is as follows:

SEC#	PER	CRS	TITLE	TCH#	Name	TmCrsGp	Team#
3014	3 (1)	0027	English 8	200	Taylor	_____	_____
4006	4 (1)	0027	English 8	200	Taylor	_____	_____
5060	5 (2)	0027	English 8	210	Vasquez	_____	_____
6005	6 (2)	0027	English 8	210	Vasquez	_____	_____
1010	1 (3)	0027	English 8	027	Groover	_____	_____
3059	3 (3)	0027	English 8	027	Groover	_____	_____
6008	6 (3)	0027	English 8	027	Groover	_____	_____
2010	2 (3)	0027	English 8	042	Jackson	_____	_____
7005	7 (3)	0027	English 8	042	Jackson	_____	_____
3012	3 (1)	0033	Social Studies 8	205	Unger	_____	_____
4001	4 (1)	0033	Social Studies 8	205	Unger	_____	_____
5011	5 (2)	0033	Social Studies 8	215	Walker	_____	_____
6011	6 (2)	0033	Social Studies 8	215	Walker	_____	_____
2002	2 (3)	0033	Social Studies 8	009	Billings	_____	_____
0412	4 (3)	0033	Social Studies 8	009	Billings	_____	_____
5001	5 (3)	0033	Social Studies 8	009	Billings	_____	_____
1014	1 (3)	0033	Social Studies 8	063	Robbins	_____	_____
7012	7 (3)	0033	Social Studies 8	063	Robbins	_____	_____

(1)   Team #1
(2)   Team #2
(3)   Non-teamed teachers