# Scheduling Groups Using Team Course Group & Team #

*This document details various examples of different approaches to grouping courses and students using **Team Course Group** and **Team #** fields:*

**EXAMPLE #1**

One teacher - teaching four different courses to the same group of students.
- The scheduler will keep the students with the same teacher for the four core courses.

**EXAMPLE #2**

One teacher - teaching three different courses to the same group of students.
- The scheduler will keep the students with the same teacher for the three core courses.

**EXAMPLE #3**

One team of three teachers - teaching three courses to the same group of students.
- The scheduler will keep the students with the same team for the three teamed courses.

**EXAMPLE #4**

Two teams of two teachers - teaching two courses to the same group of students with some teachers not participating in team.
- The scheduler will keep some of the students with the same team of teachers for the teamed courses, with the remaining students being split among the non-teamed teachers.

# Scheduling Groups Using Team Course Group & Team #

## EXAMPLE #1

*Core Teaching – 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 we will call this "core teaching." The first two examples will be used to illustrate the use of the Aeries software fields **Team Course Group** and **Team #** to schedule core teaching.

**One teacher**, teaching **four different 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.

The scheduler will keep ten groups of students with the same teacher for the four core courses using **TmCrsGp** = **A6** and **Team#**s **601** through **610**.

|  | ONE | TWO | THREE | FOUR | FIVE | SIX | SEVENTH |
|---|---|---|---|---|---|---|---|
| Adams | English<br>A6 601 | SS<br>A6 601 | Reading<br>A6 601 | Math<br>A6 601 |  |  |  |
| Baker |  | English<br>A6 602 | SS<br>A6 602 | Reading<br>A6 602 | Math<br>A6 602 |  |  |
| Clark | English<br>A6 603 | SS<br>A6 603 |  |  | Reading<br>A6 603 |  | Math<br>A6 603 |
| Dean |  | English<br>A6 604 |  |  | SS<br>A6 604 | Reading<br>A6 604 | Math<br>A6 604 |
| Evans | Math<br>A6 605 |  |  |  | English<br>A6 605 | SS<br>A6 605 | Reading<br>A6 605 |
| Flores | Reading<br>A6 606 | Math<br>A6 606 |  |  |  | English<br>A6 606 | SS<br>A6 606 |
| Grant | SS<br>A6 607 | Reading<br>A6 607 | Math<br>A6 607 |  |  |  | English<br>A6 607 |
| Hernandez | English<br>A6 608 |  | SS<br>A6 608 |  | Reading<br>A6 608 |  | Math<br>A6 608 |
| Irwin | Math<br>A6 609 | English<br>A6 609 | SS<br>A6 609 |  |  | Reading<br>A6 609 |  |
| Jones |  | Math<br>A6 610 | English<br>A6 610 |  | SS<br>A6 610 |  | Reading<br>A6 610 |

# Scheduling Groups Using
# Team Course Group & Team #

*Core Teaching – TmCrsGp and Team# Entries*

| SEC# | PER | CRS | TITLE | TCH# | Name | TmCrsGp | Team# |
|------|-----|-----|-------|------|------|---------|-------|
| 1070 | 1 | 0601 | English 6 | 105 | Adams | A6 | 601 |
| 2071 | 2 | 0601 | English 6 | 110 | Baker | A6 | 602 |
| 3072 | 3 | 0601 | English 6 | 115 | Clark | A6 | 603 |
| 2073 | 2 | 0601 | English 6 | 120 | Dean | A6 | 604 |
| 5074 | 5 | 0601 | English 6 | 125 | Evans | A6 | 605 |
| 6075 | 6 | 0601 | English 6 | 130 | Flores | A6 | 606 |
| 7076 | 7 | 0601 | English 6 | 135 | Grant | A6 | 607 |
| 1077 | 1 | 0601 | English 6 | 140 | Hernandez | A6 | 608 |
| 2078 | 2 | 0601 | English 6 | 145 | Irwin | A6 | 609 |
| 3079 | 3 | 0601 | English 6 | 150 | Jones | A6 | 610 |
| | | | | | | | |
| 2070 | 2 | 0602 | Social Studies 6 | 105 | Adams | A6 | 601 |
| 3071 | 3 | 0602 | Social Studies 6 | 110 | Baker | A6 | 602 |
| 4072 | 4 | 0602 | Social Studies 6 | 115 | Clark | A6 | 603 |
| 5073 | 5 | 0602 | Social Studies 6 | 120 | Dean | A6 | 604 |
| 6074 | 6 | 0602 | Social Studies 6 | 125 | Evans | A6 | 605 |
| 7075 | 7 | 0602 | Social Studies 6 | 130 | Flores | A6 | 606 |
| 1076 | 1 | 0602 | Social Studies 6 | 135 | Grant | A6 | 607 |
| 3077 | 3 | 0602 | Social Studies 6 | 140 | Hernandez | A6 | 608 |
| 3078 | 3 | 0602 | Social Studies 6 | 145 | Irwin | A6 | 609 |
| 5079 | 5 | 0602 | Social Studies 6 | 150 | Jones | A6 | 610 |
| | | | | | | | |
| 3070 | 3 | 0603 | Reading 6 | 105 | **Adams** | **A6** | **601** |
| 4071 | 4 | 0603 | Reading 6 | 110 | Baker | A6 | 602 |
| 5072 | 5 | 0603 | Reading 6 | 115 | Clark | A6 | 603 |
| 6073 | 6 | 0603 | Reading 6 | 120 | Dean | A6 | 604 |
| 7074 | 7 | 0603 | Reading 6 | 125 | Evans | A6 | 605 |
| 1075 | 1 | 0603 | Reading 6 | 130 | Flores | A6 | 606 |
| 2076 | 2 | 0603 | Reading 6 | 135 | Grant | A6 | 607 |
| 5077 | 5 | 0603 | Reading 6 | 140 | Hernandez | A6 | 608 |
| 6078 | 6 | 0603 | Reading 6 | 145 | Irwin | A6 | 609 |
| 7079 | 7 | 0603 | Reading 6 | 150 | Jones | A6 | 610 |
| | | | | | | | |
| 4070 | 4 | 0604 | Math 6 | 105 | **Adams** | **A6** | **601** |
| 5071 | 5 | 0604 | Math 6 | 110 | Baker | A6 | 602 |
| 7072 | 7 | 0604 | Math 6 | 115 | Clark | A6 | 603 |
| 7073 | 7 | 0604 | Math 6 | 120 | Dean | A6 | 604 |
| 1074 | 1 | 0604 | Math 6 | 125 | Evans | A6 | 605 |
| 2075 | 2 | 0604 | Math 6 | 130 | Flores | A6 | 606 |
| 3076 | 3 | 0604 | Math 6 | 135 | Grant | A6 | 607 |
| 7077 | 7 | 0604 | Math 6 | 140 | Hernandez | A6 | 608 |
| 1078 | 1 | 0604 | Math 6 | 145 | Irwin | A6 | 609 |
| 2079 | 2 | 0604 | Math 6 | 150 | Jones | A6 | 610 |

## EXAMPLE #2

*Core Teaching – 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 different 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.
- All sixth grade students take the core courses plus Math, Physical Ed, Science and an exploratory elective.
- The courses and teams are as follows:

| Teacher | Course 1 | Course 2 | Course 3 |
|---|---|---|---|
| Adams (2 groups) | English 6 | Social Studies 6 | Reading 6 |
| Baker (2 groups) | English 6 | Social Studies 6 | Reading 6 |
| Clark (2 groups) | English 6 | Social Studies 6 | Reading 6 |
| Dean | English 6 | Social Studies 6 | Reading 6 |
| Evans | English 6 | Social Studies 6 | Reading 6 |
| Flores | English 6 | Social Studies 6 | Reading 6 |
| Grant | English 6 | Social Studies 6 | Reading 6 |

- In this example of the schedule, **TmCrsGp** and the **Team# fields** are indicated on the next page.

The scheduler will keep ten groups of students with the same teacher for the three core courses using **TmCrsGp** = **A6** and **Team#**s **610** through **610**.

|  | ONE | TWO | THREE | FOUR | FIVE | SIX | SEVENTH |
|---|---|---|---|---|---|---|---|
| Adams | English A6 601 | SS A6 601 | Reading A6 601 |  | English A6 602 | SS A6 602 | Reading A6 602 |
| Baker | Reading A6 604 | English A6 603 | SS A6 603 | Reading A6 604 |  | English A6 604 | SS A6 604 |
| Clark | SS A6 606 | Reading A6 606 | English A6 605 | SS A6 605 | Reading A6 605 |  | English A6 606 |
| Dean |  |  |  | English A6 607 | SS A6 607 | Reading A6 607 |  |
| Evans | English A6 608 |  | SS A6 608 |  | Reading A6 608 |  |  |
| Flores |  | English A6 609 |  | SS A6 609 |  | Reading A6 609 |  |
| Grant |  |  | English A6 610 |  | SS A6 610 |  | Reading A6 610 |

**EXAMPLE #2**

*Core Teaching – TmCrsGp and Team# Entries*

| SEC# | PER | CRS | TITLE | TCH# | Name | TmCrsGp | Team# |
|------|-----|-----|-------|------|------|---------|-------|
| 1070 | 1 (1) | 0601 | English 6 | 105 | Adams | A6 | 601 |
| 5070 | 5 (2) | 0601 | English 6 | 105 | Adams | A6 | 602 |
| 2071 | 2 (3) | 0601 | English 6 | 110 | Baker | A6 | 603 |
| 6071 | 6 (4) | 0601 | English 6 | 110 | Baker | A6 | 604 |
| 3072 | 3 (5) | 0601 | English 6 | 115 | Clark | A6 | 605 |
| 7072 | 7 (6) | 0601 | English 6 | 115 | Clark | A6 | 606 |
| 4073 | 4 | 0601 | English 6 | 120 | Dean | A6 | 607 |
| 1074 | 1 | 0601 | English 6 | 125 | Evans | A6 | 608 |
| 2075 | 2 | 0601 | English 6 | 130 | Flores | A6 | 609 |
| 3076 | 3 | 0601 | English 6 | 135 | Grant | A6 | 610 |
| | | | | | | | |
| 2070 | 2 (1) | 0602 | Social Studies 6 | 105 | Adams | A6 | 601 |
| 6070 | 6 (2) | 0602 | Social Studies 6 | 105 | Adams | A6 | 602 |
| 3071 | 3 (3) | 0602 | Social Studies 6 | 110 | Baker | A6 | 603 |
| 7071 | 7 (4) | 0602 | Social Studies 6 | 110 | Baker | A6 | 604 |
| 4072 | 4 (5) | 0602 | Social Studies 6 | 115 | Clark | A6 | 605 |
| 1072 | 1 (6) | 0602 | Social Studies 6 | 115 | Clark | A6 | 606 |
| 5073 | 5 | 0602 | Social Studies 6 | 120 | Dean | A6 | 607 |
| 3074 | 3 | 0602 | Social Studies 6 | 125 | Evans | A6 | 608 |
| 4075 | 4 | 0602 | Social Studies 6 | 130 | Flores | A6 | 609 |
| 5076 | 5 | 0602 | Social Studies 6 | 135 | Grant | A6 | 610 |
| | | | | | | | |
| 3070 | 3 (1) | 0603 | Reading 6 | 105 | Adams | A6 | 601 |
| 7070 | 7 (2) | 0603 | Reading 6 | 105 | Adams | A6 | 602 |
| 4071 | 4 (3) | 0603 | Reading 6 | 110 | Baker | A6 | 603 |
| 1071 | 1 (4) | 0603 | Reading 6 | 110 | Baker | A6 | 604 |
| 5072 | 5 (5) | 0603 | Reading 6 | 115 | Clark | A6 | 605 |
| 2072 | 2 (6) | 0603 | Reading 6 | 115 | Clark | A6 | 606 |
| 6073 | 6 | 0603 | Reading 6 | 120 | Dean | A6 | 607 |
| 5074 | 5 | 0603 | Reading 6 | 125 | Evans | A6 | 608 |
| 6075 | 6 | 0603 | Reading 6 | 130 | Flores | A6 | 609 |
| 7076 | 7 | 0603 | Reading 6 | 135 | Grant | A6 | 610 |

**(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**

**EXAMPLE #3**

*Team Teaching – One team of three teachers, teaching three courses, to the same group of students*

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 we will call it "team teaching." Two examples will be used to illustrate the application of the Aeries fields to schedule team teaching groups.

- 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

|  | ONE | TWO | THREE | FOUR | FIVE | SIX | SEVEN |
|--|-----|-----|-------|------|------|-----|-------|
| King **#1** |  |  | Eng 7 B7 701 | Eng 7 B7 701 |  |  | Eng 7 B7 701 |
| Lewis **#1** | SS 7 B7 701 |  |  |  | SS 7 B7 701 | SS 7 B7 701 |  |
| Miller **#1** | Math 7 B7 701 | Math 7 B7 701 | Math 7 B7 701 |  |  |  |  |
| Nelson **#2** | Eng 7 B7 702 | Eng 7 B7 702 |  |  |  | Eng 7 B7 702 |  |
| Olson **#2** |  |  |  | SS 7 B7 702 |  | SS 7 B7 702 | SS 7 B7 702 |
| Parker **#2** | Math 7 B7 702 |  | Math 7 B7 702 |  | Math 7 B7 702 |  |  |
| Quigley **#3** |  |  |  |  | Eng 7 B7 703 | Eng 7 B7 703 | Eng 7 B7 703 |
| Ramirez **#3** | SS 7 B7 703 | SS 7 B7 703 | SS 7 B7 703 |  |  |  |  |
| Scott **#3** |  | Math 7 B7 703 |  | Math 7 B7 703 |  |  | Math 7 B7 703 |

**EXAMPLE #3**

*Team Teaching – TmCrsGp and Team# Entries*

| SEC# | PER | CRS | TITLE | TCH# | Name | TmCrsGp | Team# |
|------|-----|-----|-------|------|------|---------|-------|
| 3013 | 3 (1) | 0024 | English 7 | 155 | King | B7 | 701 |
| 4013 | 4 (1) | 0024 | English 7 | 155 | King | B7 | 701 |
| 7013 | 7 (1) | 0024 | English 7 | 155 | King | B7 | 701 |
| 1015 | 1 (2) | 0024 | English 7 | 170 | Nelson | B7 | 702 |
| 2013 | 2 (2) | 0024 | English 7 | 170 | Nelson | B7 | 702 |
| 6012 | 6 (2) | 0024 | English 7 | 170 | Nelson | B7 | 702 |
| 5012 | 5 (3) | 0024 | English 7 | 185 | Quigley | B7 | 703 |
| 6013 | 6 (3) | 0024 | English 7 | 185 | Quigley | B7 | 703 |
| 7014 | 7 (3) | 0024 | English 7 | 185 | Quigley | B7 | 703 |
| | | | | | | | |
| 1004 | 1 (1) | 0031 | Social Studies 7 | 160 | Lewis | B7 | 701 |
| 5010 | 5 (1) | 0031 | Social Studies 7 | 160 | Lewis | B7 | 701 |
| 6002 | 6 (1) | 0031 | Social Studies 7 | 160 | Lewis | B7 | 701 |
| 4010 | 4 (2) | 0031 | Social Studies 7 | 175 | Olson | B7 | 702 |
| 6009 | 6 (2) | 0031 | Social Studies 7 | 175 | Olson | B7 | 702 |
| 7002 | 7 (2) | 0031 | Social Studies 7 | 175 | Olson | B7 | 702 |
| 1012 | 1 (3) | 0031 | Social Studies 7 | 195 | Ramirez | B7 | 703 |
| 2005 | 2 (3) | 0031 | Social Studies 7 | 195 | Ramirez | B7 | 703 |
| 3010 | 3 (3) | 0031 | Social Studies 7 | 195 | Ramirez | B7 | 703 |
| | | | | | | | |
| 1003 | 1 (1) | 0037 | Math 7 | 165 | Miller | B7 | 701 |
| 2003 | 2 (1) | 0037 | Math 7 | 165 | Miller | B7 | 701 |
| 3003 | 3 (1) | 0037 | Math 7 | 165 | Miller | B7 | 701 |
| 1008 | 1 (2) | 0037 | Math 7 | 180 | Parker | B7 | 702 |
| 2008 | 3 (2) | 0037 | Math 7 | 180 | Parker | B7 | 702 |
| 5007 | 5 (2) | 0037 | Math 7 | 180 | Parker | B7 | 702 |
| 2009 | 2 (3) | 0037 | Math 7 | 195 | Scott | B7 | 703 |
| 4007 | 4 (3) | 0037 | Math 7 | 195 | Scott | B7 | 703 |
| 7006 | 7 (3) | 0037 | Math 7 | 195 | Scott | B7 | 703 |

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

## EXAMPLE #4

*Team Teaching – Two teams 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 are indicated. The scheduler will keep some of the students with the same team of teachers for the teamed courses, with the remaining students being split among the non-teamed teachers. Notice the non-teamed teachers must have a team course group letter and team number. The example shows a C 899 for all "non-teamed" teachers.

| | ONE | TWO | THREE | FOUR | FIVE | SIX | SEVEN |
|--|-----|-----|-------|------|------|-----|-------|
| Taylor **Team 1** | | | Eng 8 C8 801 | Eng 8 C8 801 | | | |
| Unger **Team 1** | | | SS 8 C8 801 | SS 8 C8 801 | | | |
| Vasquez **Team 2** | | | | | Eng 8 C8 802 | Eng 8 C8 802 | |
| Walker **Team 2** | | | | | SS 8 C8 802 | SS 8 C8 802 | |
| Groover *No team* | Eng 8 C8 899 | | Eng 8 C8 899 | | | Eng 8 C8 899 | |
| Jackson *No team* | | Eng 8 C8 899 | | | | | Eng 8 C8 899 |
| Billings *No team* | | SS 8 C8 899 | | SS 8 C8 899 | SS 8 C8 899 | | |
| Robbins *No team* | SS 8 C8 899 | | | | | | SS 8 C8 899 |

## EXAMPLE #4

*Team Teaching – TmCrsGp and Team# Entries*

| SEC# | PER | CRS | TITLE | TCH# | Name | TmCrsGp | Team# |
|------|-----|-----|-------|------|------|---------|-------|
| 3014 | 3 (1) | 0027 | English 8 | 200 | Taylor | C8 | 801 |
| 4006 | 4 (1) | 0027 | English 8 | 200 | Taylor | C8 | 801 |
| 5060 | 5 (2) | 0027 | English 8 | 210 | Vasquez | C8 | 802 |
| 6005 | 6 (2) | 0027 | English 8 | 210 | Vasquez | C8 | 802 |
| 1010 | 1 (3) | 0027 | English 8 | 027 | Groover | C8 | 899 |
| 3059 | 3 (3) | 0027 | English 8 | 027 | Groover | C8 | 899 |
| 6008 | 6 (3) | 0027 | English 8 | 027 | Groover | C8 | 899 |
| 2010 | 2 (3) | 0027 | English 8 | 042 | Jackson | C8 | 899 |
| 7005 | 7 (3) | 0027 | English 8 | 042 | Jackson | C8 | 899 |
| | | | | | | | |
| 3012 | 3 (1) | 0033 | Social Studies 8 | 205 | Unger | C8 | 801 |
| 4001 | 4 (1) | 0033 | Social Studies 8 | 205 | Unger | C8 | 801 |
| 5011 | 5 (2) | 0033 | Social Studies 8 | 215 | Walker | C8 | 802 |
| 6011 | 6 (2) | 0033 | Social Studies 8 | 215 | Walker | C8 | 802 |
| 2002 | 2 (3) | 0033 | Social Studies 8 | 009 | Billings | C8 | 899 |
| 0412 | 4 (3) | 0033 | Social Studies 8 | 009 | Billings | C8 | 899 |
| 5001 | 5 (3) | 0033 | Social Studies 8 | 009 | Billings | C8 | 899 |
| 1014 | 1 (3) | 0033 | Social Studies 8 | 063 | Robbins | C8 | 899 |
| 7012 | 7 (3) | 0033 | Social Studies 8 | 063 | Robbins | C8 | 899 |

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

# Scheduling Groups Using Team Course Group & Team #

*Where are the TmCrsGp and Team# fields located on the Section Form and SMS Board?*