Round Robin Scheduling

n order to conduct a round-robin, first number the teams. This should be done by chance, allowing each team to draw its number,or, if representatives of teams are not present, appoint someone to draw for each team. Have the drawing witnessed by signature of those present and file for future reference, in case a question concerning the drawing arises.

The schedules below ensure a home appearance no more than two game dates apart (including off dates), and a home/away split for the last two games played. Circled numbers indicate the home team (reverse for the second year of a home and home schedule).

Note: Circled numbers (home team) are shown below in parentheses, e.g. (2).

Week	1	2	3	4	5	6	7	8	9

3 Teams

1	2	3
3 -	2 -	1 -
(2)-1	(1)-3	(3)-2

4 Teams

1	2	3
(1)-2	1-(4)	(1)-3
4-(3)	(3)-2	(2)-4

5 Teams

1	2	3	4	5
5 -	4 -	3 -	2 -	1 -
4-(1)	3-(5)	2-(4)	1-(3)	5-(2)
(3)-2	(2)-1	(1)-5	(5)-4	(4)-3

6 Teams

1	2	3	4	5
(1)-6	1-(5)	(1)-4	(1)-3	(1)-2
(5)-2	(4)-6	(3)-5	(2)-4	(6)-3
4-(3)	3-(2)	2-(6)	6-(5)	5-(4)

7 Teams

1	2	3	4	5	6	7
7 -	6 -	5 -	4 -	3 -	2 -	1 -
6-(1)	5-(7)	4-(6)	3-(5)	2-(4)	1-(3)	7-(2)
(5)-2	(4)-1	(3)-7	(2)-6	(1)-5	(7)-4	(6)-3
4-(3)	3-(2)	2-(1)	1-(7)	7-(6)	6-(5)	5-(4)

8 Teams

1	2	3	4	5	6	7
(1)-8	1-(7)	1-(6)	(1)-5	1-(4)	(1)-3	1-(2)
7-(2)	6-(8)	5-(7)	4-(6)	3-(5)	2-(4)	8-(3)
(6)-3	(5)-2	(4)-8	(3)-7	(2)-6	(8)-5	(7)-4
5-(4)	4-(3)	3-(2)	2-(8)	8-(7)	7-(6)	6-(5)

9 Teams

1	2	3	4	5	6	7	8	9
9 -	8 -	7 -	6 -	5 -	4 -	3 -	2 -	1 -
8-(1)	7-(9)	6-(8)	5-(7)	4-(6)	3-(5)	2-(4)	1-(3)	9-(2)
(7)-2	(6)-1	(5)-9	(4)-8	(3)-7	(2)-6	(1)-5	(9)-4	(8)-3
6-(3)	5-(2)	4-(1)	3-(9)	2-(8)	1-(7)	9-(6)	8-(5)	7-(4)
(5)-4	(4)-3	(3)-2	(2)-1	(1)-9	(9)-8	(8)-7	(7)-6	(6)-5

10 Teams

1	2	3	4	5	6	7	8	9
(1)-10	1-(9)	1-(8)	(1)-7	1-(6)	(1)-5	(1)-4	1-(3)	(1)-2
9-(2)	8-(10)	7-(9)	6-(8)	5-(7)	4-(6)	3-(5)	2-(4)	10-(3)
(8)-3	(7)-2	(6)-10	(5)-9	(4)-8	(3)-7	(2)-6	(10)-5	(9)-4
7-(4)	6-(3)	5-(2)	4-(10)	3-(9)	2-(8)	10-(7)	9-(6)	8-(5)
(6)-5	(5)-4	(4)-3	(3)-2	(2)-10	(10)-9	(9)-8	(8)-7	(7)-6

Sample Schedule

The following schedule would minimize travel during the school week in an 8 team district. It could also be used for a 6 team district.

Teams A, D, F, and G would share a close geographic proximity.
Teams B, C, E, and H would share a close geographic proximity.

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1st Playing Date (Friday)

A	at	B
C	at	D
E	at	F
G	at	H

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2nd Playing Date (Tuesday)

A	at	G
F	at	D
E	at	C
B	at	H

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3rd Playing Date (Friday)

D	at	E
C	at	F
G	at	B
H	at	A

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4th Playing Date (Tuesday)

A	at	F
G	at	D
B	at	E
H	at	C

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5th Playing Date (Friday)

D	at	B
F	at	H
E	at	G
C	at	A

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6th Playing Date (Tuesday)

A	at	D
G	at	F
H	at	E
B	at	C

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7th Playing Date (Friday)

D	at	H
F	at	B
E	at	A
C	at	G

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8th Playing Date (Tuesday)

Open

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9th Playing Date (Friday)

B	at	A
D	at	C
F	at	E
H	at	G

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10th Playing Date (Tuesday)

G	at	A
D	at	F
C	at	E
H	at	B

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11th Playing Date (Friday)

E	at	D
F	at	C
B	at	G
A	at	H

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12th Playing Date (Tuesday)

F	at	A
D	at	G
E	at	B
C	at	H

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13th Playing Date (Friday)

B	at	D
H	at	F
G	at	E
A	at	C

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14th Playing Date (Tuesday)

D	at	A
F	at	G
E	at	H
C	at	B

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15th Playing Date (Friday)

H	at	D
B	at	F
A	at	E
G	at	C

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