

FOOTY MATHS ROUNDS 10 and 11

We are half way through the season. Let's look at the premiership table and see where your favourite team is.

1. Look at the Premiership ladder and see if there has been any changes between Round 5 and Round 11

Position	Round 5	Round 11
1	St Kilda	Geelong
2	Geelong	GWS
3	Fremantle	Collingwood
4	Collingwood	West Coast
5	Port Adelaide	Brisbane
6	GWS	Richmond
7	Essendon	Port Adelaide
8	West Coast	Adelaide
9	Brisbane	Fremantle
10	Richmond	Essendon
11	Gold Coast	Hawthorn
12	Adelaide	St Kilda
13	Hawthorn	North Melbourne
14	Western Bulldogs	Western Bulldogs
15	Carlton	Sydney
16	Sydney	Melbourne
17	Melbourne	Gold Coast
18	North Melbourne	Carlton

List the teams that moved up the ladder, those that moved down and teams that remained in the same position

Moved up	Moved down	Remained in the same position

2. In Rounds 10 and 11 there have been some interesting results.
Did you know that North Melbourne was the only team to kick 100 points in Round 10? Let's look at this Game

Teams	Q1	Q2	Q3	Q4	Total
Nth Melb	5.2	10.4	13.5	18.7	
Bulldogs	5.2	6.6	9.9	13.12	
Winning margin					

Who won the match?	After half time which team scored the most?	If you add the two scores together what is their total match score?

3. There were some interesting team scores during Round 10 and 11. Look at these teams and calculate their goal kicking efficiency

Team	Score	Shots for goal	Goal kicking efficiency	Order from highest to lowest efficiency using the numbers 1-7
West Coast	13.7	20	$13 \div 20 = 0.65$ or 65%	
North Melbourne	18.7			
West Coast	21.7			
Port Adelaide	22.7			
Adelaide	14.6			
Geelong	13.7			
North Melbourne	15.9			

4. Port Adelaide kicked the highest Score in Rounds 10 and 11. Let's look at this match. It was played Jiangwan Sports Centre, Shanghai

Team	Travel distance to Shanghai	Total distance travelled
Port Adelaide	7 567 kilometres	
St Kilda	8 050 kilometres	

Teams	Q1	Q2	Q3	Q4	Total
Port Adel	5.1	12.3	18.3	22.7	
St Kilda	3.4	5.8	7.10	9.15	
Winning margin					

Who won the match?	After half time which team scored the most?	If you add the two scores together what is their total match score?

5. Spectator numbers in Round 11

Teams	Spectators	Order from highest to lowest efficiency using the numbers 1-7
West Coast v Western Bulldogs Optus stadium	53 195	
Essendon v Carlton MCG	50 423	
Port Adelaide v St Kilda Jiangwan Stadium	9 412	
Adelaide v Melbourne TIO Stadium	10 634	
Brisbane v Hawthorn Gabba	25 051	
Geelong v Sydney GMHBA Stadium	29 021	
GWS v Gold Coast Giants Stadium	7 581	
Fremantle v Collingwood MCG	41 774	
North Melbourne v Richmond Marvel Stadium	29 326	
TOTAL		

Which match had the greatest number of spectators?	Which match had the least number of spectators?	How many spectators attended matches outside of Victoria?	How many spectators attended matches in Victoria?

6. Goal kicking is getting interesting

Player	Team	Total goals	Goals Kicked in Rnd 11	Total score	Shots for goal	Goal kicking efficiency
Jeremy Cameron	GWS	33	5	? goals 28 behinds	66	$38 \div 66 = 0.57$ or 57%
Tom Hawkins	Geelong	27	4	? goals 12 behinds		
Ben Brown	Nth Melb	25	5	? goals 12 behinds		
Tom Lynch	Richmond	24	1	? goals 12 behinds		
Jack Darling	West Coast	19	6	? goals 8 behinds		

Which player has the best goal kicking efficiency?

7. **Newsmakers for Round 10 and 11** : The most talked about player in Rounds 10 and 11 was Michael Walters who plays for the Fremantle side? Discuss why many fans, newspaper and TV journalists have been talking about him.

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