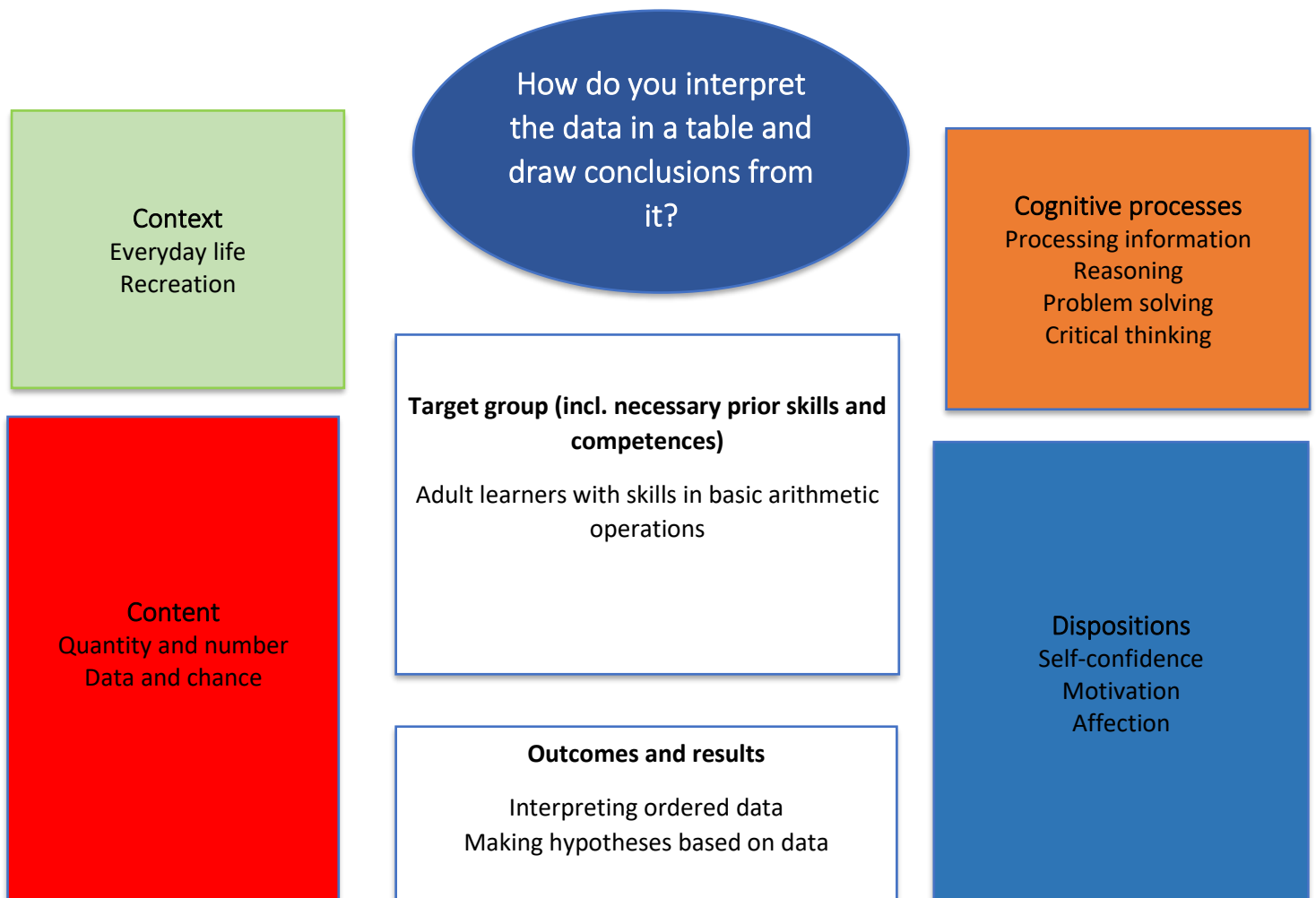


## In the end, who will win? Interpret the championship standings

The world of sport is a world of competition, and therefore a world of figures and calculations. When you look at the results of a sporting championship, how can you make any assumptions about who the final winner will be, and under what conditions?

### Overview “In the end, who will win?”



Main information	
Content	<p>Basic arithmetic operations</p> <p>Order and classify data</p> <p>Reading and interpreting a data table</p> <p>Hypotheses and statistics</p>
Target group	Adult learners with skills in basic arithmetic operations
Learning intention	<p>What is the intention of adults to face this problem?</p> <ul style="list-style-type: none"> <li>– Numeracy for personal and private purposes</li> </ul>
Duration	1 lesson
Material and resources	<p>Championship result tables, from different sports and with different rules.</p> <p>It is even better when you find sports that learners don't know!</p>
Group size	Range from 5 to 12 learners
Problem statement	<p>Sports championships have different rules for awarding points and rankings: how do you find them from a league table?</p> <p>And if my favourite team is struggling, under what conditions could it still win the championship?</p> <p>This makes these tables an excellent playground for mathematical deductions and hypotheses.</p>
Working questions	<p>Identifying data in a table</p> <p>Comparing different tables: similarities and differences</p> <p>Formulating hypotheses</p> <p>Checking hypotheses</p> <p>Making changes to data and identifying their impact</p>
Learning outcomes and results	The learners are able to interpret ordered data and make hypotheses based on data
Reference to National Qualification Frame	Optional (country's decision)

Working plan

Time (lessons)	Description of content/activities	Material	Methodical and didactic information <sup>1</sup>
	<p>Activation</p> <p>The trainer projects various images of championship results and asks the learners if they are familiar with these documents and how they relate to mathematics.</p>	Appendix 1	Questioning
	<p>Identify the data</p> <p>In small groups, the learners compare the tables and identify what is the same, what is similar and what is different.</p> <p>They make hypotheses about the meaning of the columns and try to verify them by finding a strategy.</p> <p>The hypotheses are presented to the large group, together with the verification strategies identified, and then validated.</p>	Appendix 1	Collaborative learning
	<p>Interpreting data</p> <p>In the same small groups, the question is now: using the data you have, and without any additional information, you must propose a rule for allocating points and ranking. You will also have to show that your hypothesis works for all the results shown.</p> <p>The trainer moves from group to group, encouraging reflection, asking questions and observing strategies, but does not provide answers or additional information.</p>	Appendix 1	Collaborative learning Problem solving

<sup>1</sup> for description and explanation of kinds of tasks, HITs and other background information please consult the teachers' guide



	<p>A volunteer group presents its proposal, the other learners ask questions and add to it, and the whole group validates the rules for each championship.</p> <p>If there is any doubt or if it is impossible to decide or to identify the rule behind a result, the teacher suggests doing a search on the Internet to find the official rule.</p>		
	<p>Updating datas</p> <p>The trainer gives the learners the results for the next day's championship and asks them to update the league table.</p> <p>To validate their answers, learners compare them with the updated official rankings.</p>	Appendix 2	<p>Collaborative learning</p> <p>Problem solving</p>
	<p>"What if?"</p> <p>The trainer now suggests imagining possible scenarios: under what conditions could the 3<sup>rd</sup>-placed team overtake the 1<sup>st</sup>?</p> <p>How many points do you need to score to be sure of winning the championship? And how many points do you need to score to make sure you don't finish last?</p>		<p>Questioning</p> <p>Collaborative learning</p>
	<p>Transfer</p> <p>The teacher asks the learners in what other situations they might have to handle figures and data tables: office jobs, stock management, accounting, banking, etc.</p> <p>If this corresponds to a learner's career plan, he is asked to explore what specific types of board are used in this job.</p>		<p>Questioning</p>

## Appendix 1

### French Football Championship league table

POSITION	CLUB	POINTS	JOUÉS	GAGNÉS	NULS	PERDUS	BUTS POUR	BUTS CONTRE	DIFF.	FORME
1 ▲	PARIS SAINT-GERMAIN	27	12	8	3	1	29	9	+20	●●●●●●●●
2 ▼	OGC NICE	26	12	7	5	0	13	4	+9	●●●●●●●●
3 ●	AS MONACO	24	12	7	3	2	25	14	+11	●●●●●●●●
4 ▲	LOSC LILLE	20	12	5	5	2	15	11	+4	●●●●●●●●
5 ▼	STADE DE REIMS	20	12	6	2	4	17	15	+2	●●●●●●●●
6 ▲	RC LENS	16	12	4	4	4	13	13	0	●●●●●●●●
7 ●	HAVRE ATHLETIC CLUB	15	12	3	6	3	12	13	-1	●●●●●●●●
8 ▼	STADE BRESTOIS 29	15	11	4	3	4	11	13	-2	●●●●●●●●
9 ▼	FC NANTES	14	12	4	2	6	17	23	-6	●●●●●●●●

### French Rugby Championship league table

Rang	Club	Pts	M	G	N	P	Bonus	Pts M.	Pts E.	Diff	Etat de forme	Prochain match
1 =	Stade Français Paris	23	7	5	0	2	3	168	111	+57	●●●●●●●●	SP 25 novembre A l'extérieur
2 ↑	Racing 92	23	7	5	0	2	3	179	123	+56	●●●●●●●●	SR 26 novembre A domicile
3 ↑	Castres Olympique	23	7	5	0	2	3	197	145	+52	●●●●●●●●	RCT 25 novembre A l'extérieur
4 ↓	Section Paloise	22	7	5	0	2	2	170	130	+40	●●●●●●●●	SFP 25 novembre A domicile
5 ↑	RC Toulon	19	7	4	0	3	3	175	149	+26	●●●●●●●●	CO 25 novembre A domicile
6 =	ASM Clermont	19	7	4	0	3	3	181	162	+19	●●●●●●●●	ST 25 novembre A l'extérieur
7 ↓	Stade Toulousain	18	7	4	0	3	2	176	160	+16	●●●●●●●●	ASM 25 novembre A domicile

### French Ice Hockey Championship league table

RG	EQUIPE	PTS	MJ	V	VPRL	DPRL	D	BP	BC	PEN	FORME
1	ANGERS	42	18	14	0	0	4	65	41	292	●●●●●
2	ROUEN	40	16	13	0	1	2	71	36	164	●●●●●●
3	GRENOBLE	32	16	10	1	0	5	61	37	173	●●●●●●
4	CHAMONIX	30	16	8	2	2	4	42	44	189	●●●●●●
5	MARSEILLE	27	18	8	1	1	8	44	39	283	●●●●●●
6	AMIENS	25	16	7	2	0	7	52	49	159	●●●●●●
7	BORDEAUX	21	17	5	2	2	8	47	52	167	●●●●●●
8	NICE	19	18	5	2	0	11	42	65	139	●●●●●●
9	CERGY-PONTOISE	17	17	7	1	0	9	45	55	245	●●●●●●
10	GAP	16	17	5	0	1	11	47	63	177	●●●●●●
11	BRIANÇON	16	16	5	0	1	10	43	52	222	●●●●●●

### French Basketball Championship league table

Classement		% Vict.	Matches			Domicile		Extérieur		Points		Moyenne	
			MJ	V	D	V	D	V	D	+	-	PR	CTR
1	Monaco	91.7%	12	11	1	6	0	5	1	1031	891	85.9	74.3
2	Paris	75%	12	9	3	5	1	4	2	1022	877	85.2	73.1
3	Bourg-en-Bresse	66.7%	12	8	4	5	1	3	3	1004	909	83.7	75.8
4	Lyon-Villeurbanne	66.7%	12	8	4	5	1	3	3	993	924	82.8	77
5	Nanterre	58.3%	12	7	5	6	1	1	4	973	981	81.1	81.8
6	Nancy	58.3%	12	7	5	5	0	2	5	956	986	79.7	82.2
7	Le Mans	50%	12	6	6	4	1	2	5	980	982	81.7	81.8
8	Cholet	50%	12	6	6	2	5	4	1	929	935	77.4	77.9
9	Le Portel	50%	12	6	6	3	2	3	4	944	1027	78.7	85.6
10	Dijon	41.7%	12	5	7	4	2	1	5	893	867	74.4	72.3



Appendix 2

Results of day 13 of the football championship

PARIS SAINT-GERMAIN 	5 - 2	 AS MONACO
CLERMONT FOOT 63 	0 - 3	 RC LENS
RC STRASBOURG ALSACE 	1 - 1	 OLYMPIQUE DE MARSEILLE
OGC NICE 	1 - 0	 TOULOUSE FC
FC LORIENT 	2 - 3	 FC METZ
MONTPELLIER HÉRAULT SC 	1 - 3	 STADE BRESTOIS 29
FC NANTES 	0 - 0	 HAVRE ATHLETIC CLUB
STADE RENNAIS FC 	3 - 1	 STADE DE REIMS
OLYMPIQUE LYONNAIS 	0 - 2	 LOSC LILLE

Results of day 8 of the rugby championship

4 <sup>e</sup> RC Toulon	41 - 19	Castres Olympique	5 <sup>e</sup>
7 <sup>e</sup> Union Bordeaux-Bègles	Bo 46 - 22	USA Perpignan	13 <sup>e</sup>
10 <sup>e</sup> LOU Rugby	42 - 29	Aviron Bayonnais	12 <sup>e</sup>
14 <sup>e</sup> Montpellier Hérault Rugby	Bd 21 - 26	Oyonnax Rugby	9 <sup>e</sup>
2 <sup>e</sup> Section Paloise	Bo 30 - 6	Stade Français Paris	3 <sup>e</sup>
6 <sup>e</sup> Stade Toulousain	Bo 31 - 10	ASM Clermont	8 <sup>e</sup>
<b>DIMANCHE 26 NOVEMBRE</b>			
1 <sup>e</sup> Racing 92	Bo 32 - 10	Stade Rochelais	11 <sup>e</sup>







Results of days 18 and 19 of the hockey championship


29 octobre 2023



J18 GRENOBLE  4 - 3  ANGERS



21 novembre 2023

J18 MARSEILLE  6 - 3  NICE



J18 BORDEAUX  4 - 3  ANGLET

J18 AMIENS  7 - 4  BRIANÇON



J18 GAP  6 - 0  CHAMONIX



J18 CERGY-PONTOISE  3 - 4 <sup>TAB</sup>  ROUEN


23 novembre 2023

J19 ROUEN  6 - 2  BRIANÇON



24 novembre 2023

J19 NICE  2 - 3  BORDEAUX

J19 CHAMONIX  4 - 6  GRENOBLE

J19 ANGERS  7 - 3  AMIENS

J19 ANGLET  4 - 0  GAP

J19 CERGY-PONTOISE  7 - 1  MARSEILLE

Results of day 13 of the basketball championship

	Chalon/Saône	80
	13ème journée	
	Limoges	78
	Paris	97
	13ème journée	
	Gravelines-Dunkerque	78
	Saint-Quentin	75
	13ème journée	
	Cholet	60
	Le Portel	81
	13ème journée	
	Dijon	75
	Blois	68
	13ème journée	
	Strasbourg	73
	Boulogne-Levallois	90
	13ème journée	
	Roanne	83
	Nancy	91
	13ème journée	
	Nanterre	71
	Bourg-en-Bresse	74
	13ème journée	
	Lyon-Villeurbanne	80