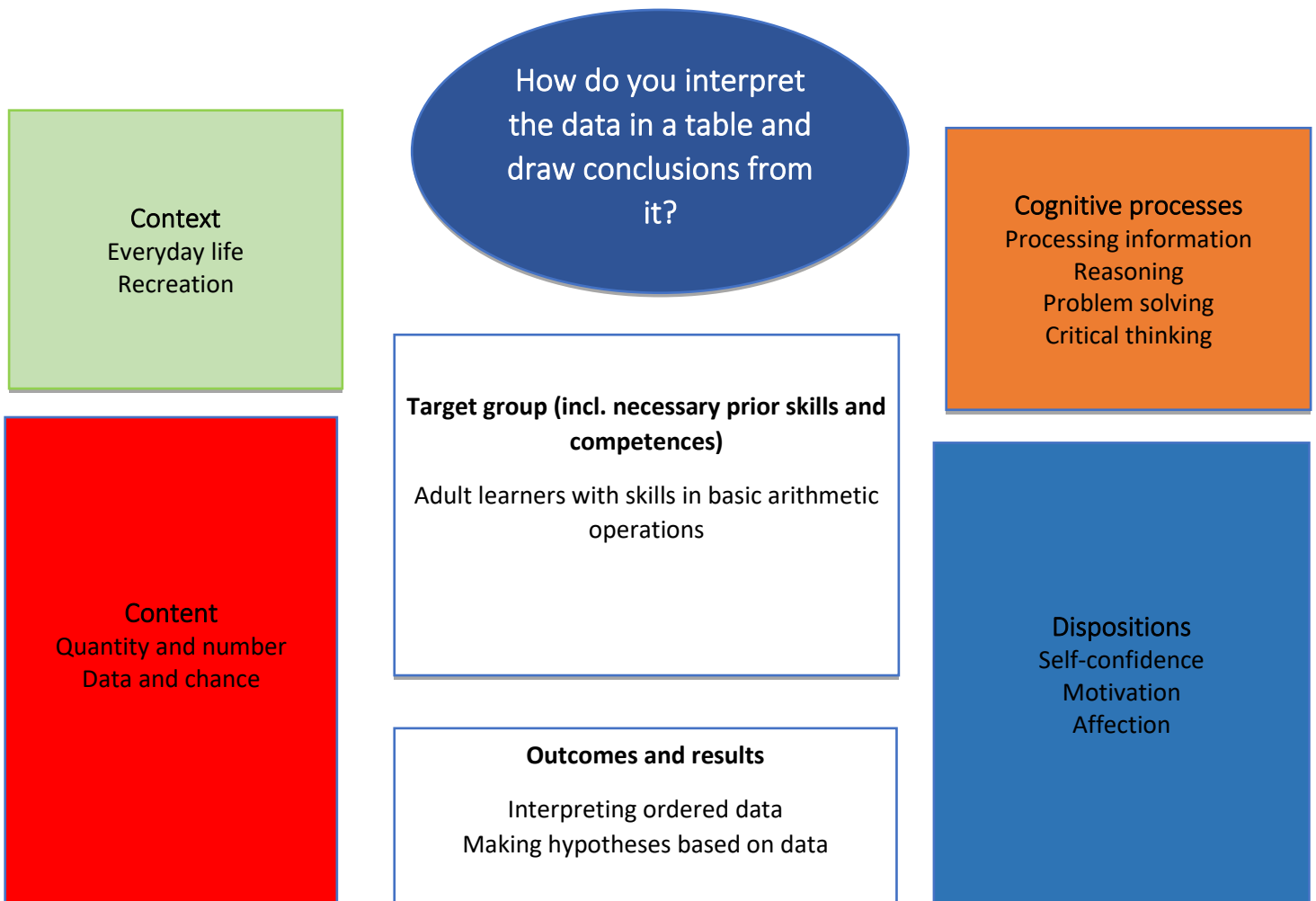# In the end, who will win? Interpret the championship standings

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?"

How do you interpret the data in a table and draw conclusions from it?

Context
Everyday life
Recreation

Content
Quantity and number
Data and chance

Target group (incl. necessary prior skills and competences)

Adult learners with skills in basic arithmetic operations

Outcomes and results

Interpreting ordered data
Making hypotheses based on data

Cognitive processes
Processing information
Reasoning
Problem solving
Critical thinking

Dispositions
Self-confidence
Motivation
Affection

Main information

Content	Basic arithmetic operations Order and classify data Reading and interpreting a data table Hypotheses and statistics
Target group	Adult learners with skills in basic arithmetic operations
Learning intention	What is the intention of adults to face this problem? — Numeracy for personal and private purposes
Duration	1 lesson
Material and resources	Championship result tables, from different sports and with different rules. It is even better when you find sports that learners don't know!
Group size	Range from 5 to 12 learners
Problem statement	Sports championships have different rules for awarding points and rankings: how do you find them from a league table? And if my favourite team is struggling, under what conditions could it still win the championship? This makes these tables an excellent playground for mathematical deductions and hypotheses.
Working questions	Identifying data in a table Comparing different tables: similarities and differences Formulating hypotheses Checking hypotheses Making changes to data and identifying their impact
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[1]
	Activation 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.	Appendix 1	Questioning
	Identify the data In small groups, the learners compare the tables and identify what is the same, what is similar and what is different. They make hypotheses about the meaning of the columns and try to verify them by finding a strategy. The hypotheses are presented to the large group, together with the verification strategies identified, and then validated.	Appendix 1	Collaborative learning
	Interpreting data 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. The trainer moves from group to group, encouraging reflection, asking questions and observing strategies, but does not provide answers or additional information.	Appendix 1	Collaborative learning Problem solving

[1] for description and explanation of kinds of tasks, HITs and other background information please consult the teachers'/user's guide

	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. 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.		
	Updating data The trainer gives the learners the results for the next day's championship and asks them to update the league table. To validate their answers, learners compare them with the updated official rankings.	Appendix 2	Collaborative learning Problem solving
	"What if?" The trainer now suggests imagining possible scenarios: under what conditions could the 3rd-placed team overtake the 1st? 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?		Questioning Collaborative learning
	Transfer 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. If this corresponds to a learner's career plan, he is asked to explore what specific types of board are used in this job.		Questioning

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	V D V V D	SP 25 novembre À l'extérieur
2 ↑	Racing 92	23	7	5	0	2	3	179	123	+56	V V V D V	SR 26 novembre À domicile
3 ↑	Castres Olympique	23	7	5	0	2	3	197	145	+52	V V D V V	RCT 25 novembre À l'extérieur
4 ↓	Section Paloise	22	7	5	0	2	2	170	130	+40	V V V V D	SFP 25 novembre À domicile
5 ↑	RC Toulon	19	7	4	0	3	3	175	149	+26	D V D V V	CO 25 novembre À domicile
6 =	ASM Clermont	19	7	4	0	3	3	181	162	+19	V D V V D	ST 25 novembre À l'extérieur
7 ↓	Stade Toulousain	18	7	4	0	3	2	176	160	+16	V V D V D	ASM 25 novembre À 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

4ᵉ RC Toulon	**41 - 19**	Castres Olympique	5ᵉ
7ᵉ Union Bordeaux-Bègles	Bo **46 - 22**	USA Perpignan	13ᵉ
10ᵉ LOU Rugby	**42 - 29**	Aviron Bayonnais	12ᵉ
14ᵉ Montpellier Hérault Rugby	Bd **21 - 26**	Oyonnax Rugby	9ᵉ
2ᵉ Section Paloise	Bo **30 - 6**	Stade Français Paris	3ᵉ
6ᵉ Stade Toulousain	Bo **31 - 10**	ASM Clermont	8ᵉ

DIMANCHE 26 NOVEMBRE

1ᵉ Racing 92	Bo **32 - 10**	Stade Rochelais	11ᵉ

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