

# Animals

## Introduction

- **Level:** B1
- **Skills:** Reading
- **Topics:** Vocabulary
- **Merging subjects and soft skills related to the enigma:** Chemistry, Physics , Biology,

Problem-solving, Critical Thinking

## The enigma

- **Keywords**

Players see a list of chemical elements. After finding the periodic table, they can check for shorter elements' names to form a password.

- **Toolbox**

The list of chemical elements hidden behind a QR code poster on the wall.

- **Description of the enigma**

Students need to scan QR code with their mobile phones and get the list of chemical elements. After they get the list, the teacher is going to give them a hint which would be numbers

45, 49 and 8. In this way students are going to find the name of the animal combining different elements.



# Animals

Use your phones in order to scan QR code that is on the wall and see what is hidden there. Be careful with numbers 45, 49 and 8 since they are going to be your allies in the next couple of minutes. I am sure that you can solve this riddle!

Example:

Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Period 1	1 H																	2 He
Period 2	3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
Period 3	11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
Period 4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
Period 5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
Period 6	55 Cs	56 Ba *	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
Period 7	87 Fr	88 Ra *	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Mc	116 Lv	117 Ts	118 Og
			* 57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb		
			* 89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No		

Can you guess the animal?

I'm gray and I play in mud

Africa is my home and I have a horn



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## Solution

Rhodium

Indium

Oxygen

Animal: Rhino

## Hints

Numbers 45, 49 and 8.

## More information

## Possible restrictions

Students with Dysgraphia may encounter some problems.

## References

- ✓ [https://en.wikipedia.org/wiki/File:Simple\\_Periodic\\_Table\\_Chart-blocks.svg](https://en.wikipedia.org/wiki/File:Simple_Periodic_Table_Chart-blocks.svg)

