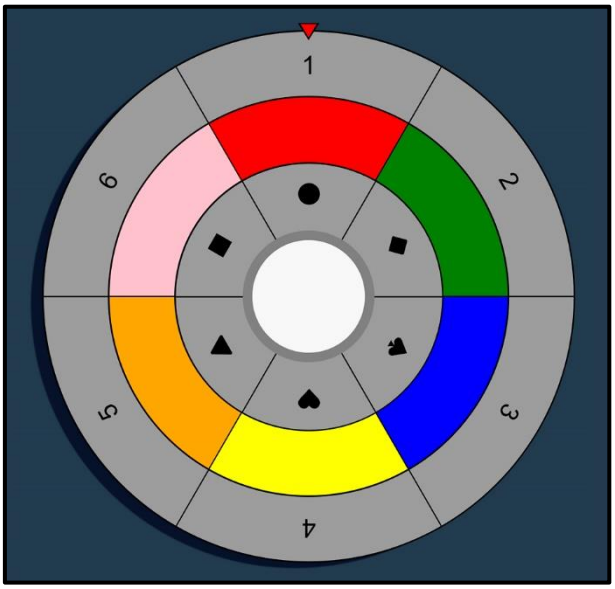
Instructions: Decoder disk



Resource name		Decoder disk
Description		This resource allows you to create a decoder disk with multiple wheels, where each wheel can contain numbers, letters, colors, or symbols. The disk can be linked to an escape room puzzle and its solution.
Usage requirements		None.
Settings		
Skin		This setting allows you to select the appearance of the decoder disk. It can take the following values: "Standard", "Retro", or "Futuristic".
Number of wheels		This setting allows you to select the number of wheels the decoder disk will have. The form will display a section for each wheel where you can specify its settings. Therefore, each wheel can have a different configuration. Wheel number 1 corresponds to the outermost wheel of the decoder disk, while the highest-numbered wheel represents the innermost one.
Wheel	**Type of wheel**	This setting allows you to select the type of elements that the wheel will display. It can take the following values: "Numbers", "Letters", "Colors", "Symbols" or "Colored symbols".
	Number of elements	This setting allows you to specify the number of elements (i.e., numbers, letters, colors, or symbols) that the wheel will have.
	Rotation enabled	This setting allows you to specify whether the wheel can be rotated by the participants or not.
Background		This setting allows you to change the default background. You can enter the URL of any image from your resource catalog.
Solution		You can link the decoder disk to an escape room puzzle and specify a solution for that puzzle. If you do so, participants will be able to solve the puzzle by positioning each wheel of the decoder disk in a specific way. The solution will consist of the element on each wheel that must be aligned to the north. The solution should follow the format below: $E_1; E_2; \ldots; E_n$

Let E_i be the identifier of the element on the i-th wheel that forms part of the solution.

If the element is a number or a letter, its identifier will be the corresponding number or uppercase letter. If the element is a color or a symbol, its identifier will be the name of the color or symbol, with the first letter capitalized.

For example, if the disk must be positioned as shown in the image included in these instructions in order to solve the escape room puzzle, the following solution should be specified:

1;Red;Circle

Below are the colors and symbols included in the decoder disk:

Color	Name
	Red
	Green
	Blue
	Yellow
	Orange
	Pink
	Cyan
	Purple
	Brown
	Black
	Gray
	White
	Turquoise
	Lime

Symbol	Name
	Triangle
	Square
	Circle
	Rhombus
	Spades
	Hearts
	Clubs
	Diamonds
	Star
	Moon
	Sun
	Puzzle
	Pentagon
	Hexagon