



Name: _____

The wheel of fortune



Hear ye! Hear ye!

We are calling upon your talent to design of a wheel of fortune. It will need to replace a die in a new game: *Hypotetika*. This wheel enables the player to randomly determine the number of steps to take when it is his turn to play.

Specifications booklet

The wheel of fortune must:

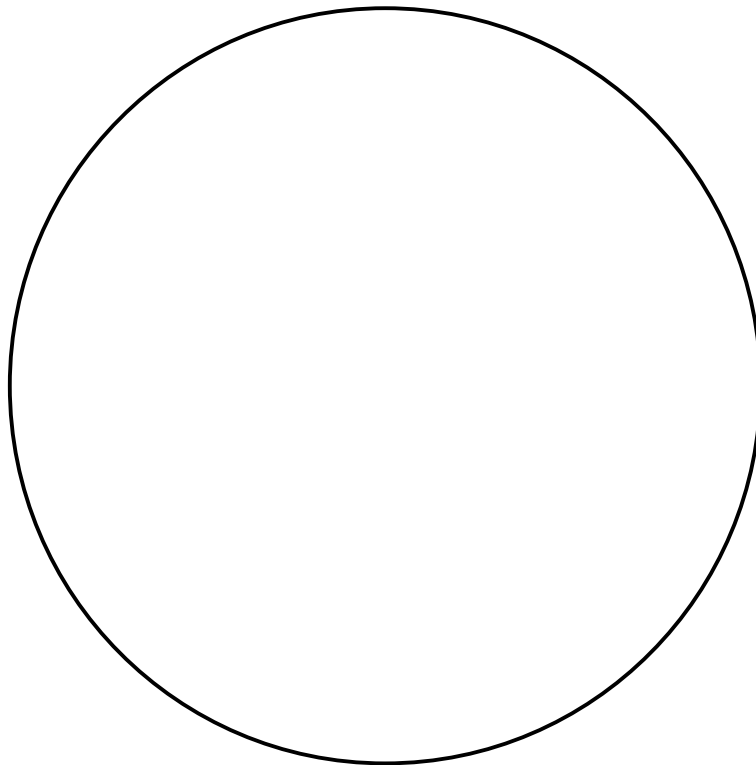
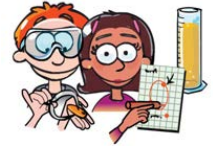
- be in the shape of a disk. This disk must be drawn and cut out from a letter-size piece of cardboard;
- allow the player to move from one to seven squares, randomly, depending on where the wheel stops;
- not promote one result over another;
- be used horizontally or vertically (as desired);
- be made solely from the materials and tools put at your disposal.



Cr1 Appropriate description of the problem	Reformulation of the problem	
	Formulation of a tentative solution or explanation	

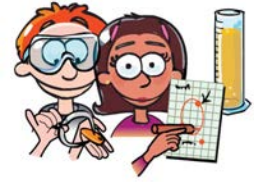


Use this page to describe your prototype.
If you must modify elements, use a different colour pencil.



Cr2 Application of an appropriate procedure	Planning of work	
	Implementation of procedure	
	Readjusting the process, as required	
Cr3 Appropriate use of instruments, tools or techniques	Handling of objects, tools or instruments	
	Observance of safety rules	

The results



What do you observe about wheels that work well?

I notice that... because...

And about those that don't work as well?

I notice that... because...

Cr4 Appropriate use of scientific and technological knowledge	Production of explanations or solutions	
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Outcome

Here is one (or some) difficulty or unforeseen event that occurred:

Here is (are) the constraint(s) that was (were) harder to respect (if you know why, add your explanation):

Here is how I could improve the prototype:

Cr2 Application of an appropriate procedure	Planning of work	
	Implementation of procedure	
Cr4 Appropriate use of scientific and technological knowledge	Production of explanations or solutions	
	Use of terminology, rules and conventions specific to Science and Technology	

What did you learn?

