

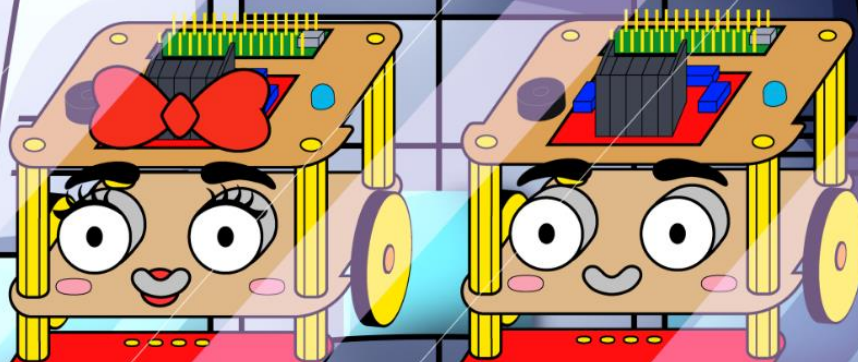
1

A NEW ADVENTURE FROM 'ROBOTS FOR STEM'

STEMIE & STEMIA'S

FANTASTIC JOURNEY THROUGH SPACE

AUXILIARY GRIDS



TEACHER'S eBook



Co-funded by the
Erasmus+ Programme
of the European Union

CHALLENGE



1 Learning to drive

The power of both engines of the robot is 120		
Time travelled, s	Distance travelled, cm	Distance travelled, cm
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

CHALLENGE

**No time to go slow**

Stemie or Stemia is moving forwards			
The motor's power	Distance travelled, cm	Time, s	Speed, cm/s
100		2	
110			
120			
130			
140			
150			
160			
170			
180			
190			
200			
210			
220			

CHALLENGE

**No time to go slow**

Stemie or Stemia is moving backwards			
The motor's power	Distance travelled, cm	Time, s	Speed, cm/s
100		2	
110			
120			
130			
140			
150			
160			
170			
180			
190			
200			
210			
220			