

WORKSHEET 3

MOBILITY AND WAYS OF TRANSPORT

OBJECTIVES

- Learn to differentiate the different kinds of ways that we find in the city.
- Use measuring equipment
- Encourage group cooperation

EQUIPMENT

- counter
- stopwatch
- tape measure

INTRODUCTION

The city has different types of urban ways according to the means of transport, services or activities of the population. We'll try to study three different types of ways, Gran Via de les Corts Catalanes, Casp and Pau Claris.

PROCEDURE

You will have to calculate the width of the street. To do it, choose a classmate (the one who will have to walk) and measure the length of his/her footsteps.

The student that crosses the street will have to count the number of steps que needs to cross the street with the counter.

Multiply the number of steps by the length of the step and then you have the width of the street.

$$\text{number of steps} \times \text{length} = \text{width}$$

Stand on the zebra crossing and do the same but calculating the width of the sidewalks

$$\text{number of steps} \times \text{length} = \text{width}$$

Finally, calculate the percentage of walking room for pedestrians and driving room for cars.

	Street width	Sidewalk width	% for cars
Casp			
Gran Via			
Pau Claris			