centre de
développement
pédagogique
pour la formation générale
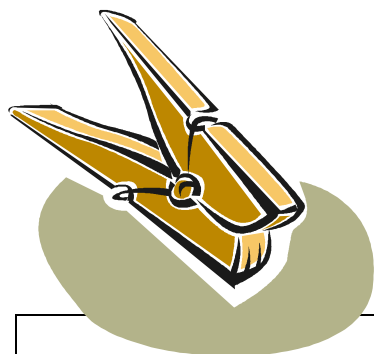*en science et technologie*

Name :

Student booklet
(1st year of cycle 1)

Quite the pin!

Exploring the world of science and technology also includes analysing objects that surround us to better understand them. What is this object? What is it used for? How does it work? How is it built?

Your mission

Here are two very similar clothespins. I would like you to test them and to choose which of the two seems better to you. Then, you will have to describe it and explain how it works.

Initial ideas

First, here are two different clothespins.

What is this object used for?

==

How does it work?

==

Your hypothesis:

In your opinion, which is the better clothespin?

==

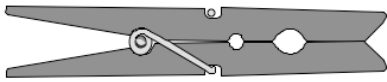
Why?

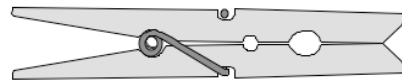|	
Planning and carrying out	

Observe the materials and plan your performance test.

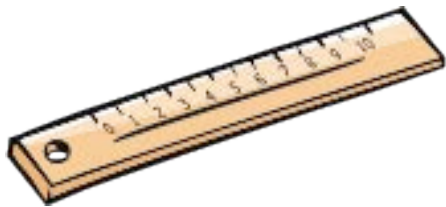How will you go about finding the better of the two pins?

Materials (Circle and indicate the number):

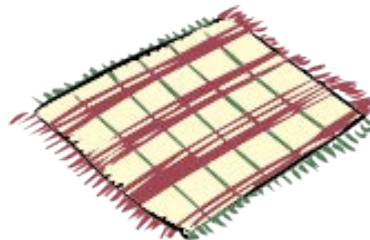|	
Clothespin – Model 1	Clothespin – Model 2

Ruler	Ream of paper or cardboard	Elastic
String	Piece of fabric	Paperclip

Show your test using a sketch:

Planning and carrying out

Show your results:

Planning and carrying out

Draw your clothespin to show how it works.

Outcome

Do your **results** confirm your **hypothesis**?

YES   NO

Why?

Name an unforeseen event or a problem you encountered:

To improve the experiment, I would:

Outcome **What I learned**	

✏️ My definition, my examples		
❑ Sketch: _____ _____ _____	
❑ Friction: _____ _____ _____	
❑ Materials: _____ _____ _____	
❑ Properties: _____ _____ _____	

What else did you learn?