



Erasmus+

Little scientist buildings and design Europe

Investigate your home

Name:

Hello Erasmus scientists!



You are about to find out what is going on in your own home?

Interested?



Good!

What you need to do is to have an eye on you family members!

How many times do your family use a kitchen knife? 6 times om Monday, 2 times on Tuesday and..... you register a **I** for each time.

NI I for Monday

II for Tuesday

And carry on for a week.

If you do not use some of the tools at all, good for you because ..

In the last page, you can write which of the tools or machines you do not have or use

And what you do instead.

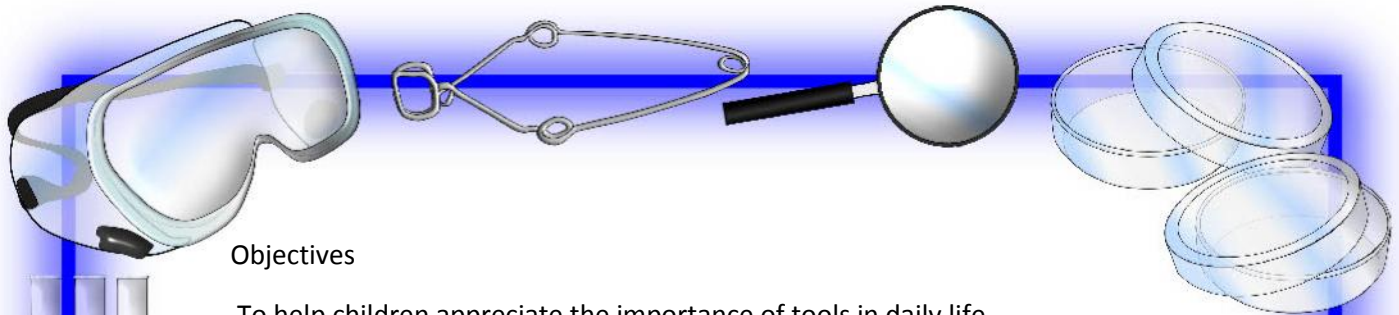
Well!

Now when you are done look at the outcome.

Which is the tool most used _____

Which was not used at all _____

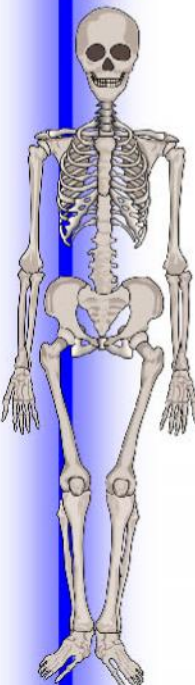
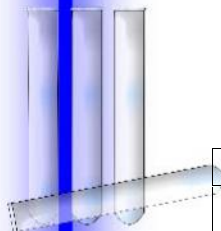
What did you do instead _____




Objectives

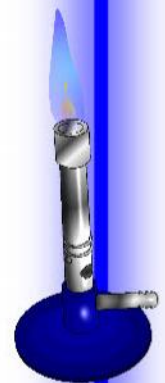
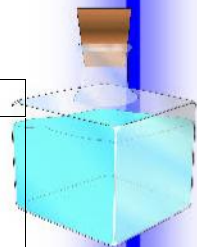
To help children appreciate the importance of tools in daily life.


To encourage children to become problem solvers and become more resilient.



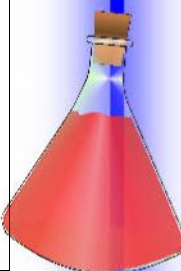
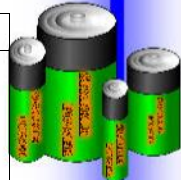
Task 2	Without Tools	With Tools
Inflate a ball 	What will you do?	What tools could you use?

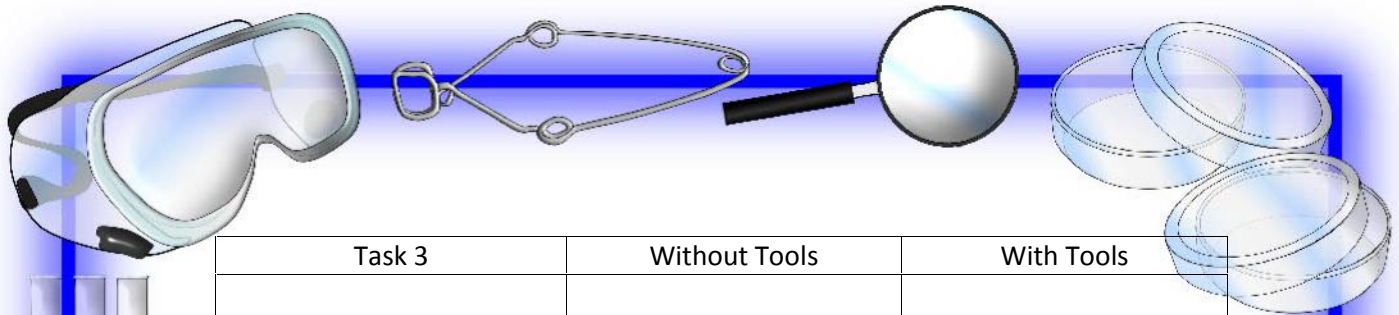
What did you learn from your investigation?


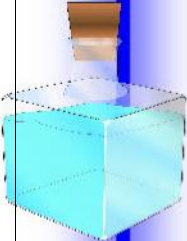


Task 2	Without Tools	With Tools
Make a glass of orange juice. 	What will you do?	What tools could you use?


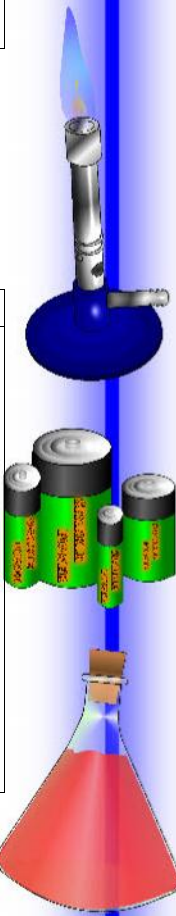
What did you learn from your investigation?





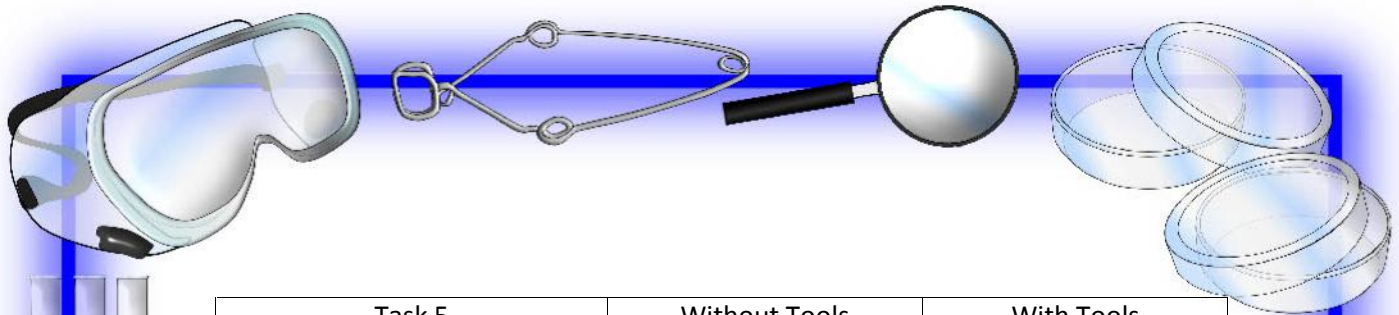
Task 3	Without Tools	With Tools
<p data-bbox="320 398 635 465">Insert a screw into a piece of wood.</p> 	<p data-bbox="719 398 938 432">What will you do?</p>	<p data-bbox="1034 398 1289 465">What tools could you use?</p> 

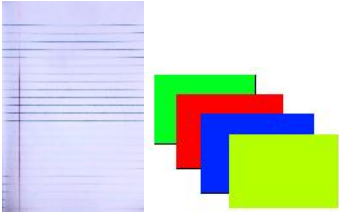
What did you learn from your investigation?

Task 4	Without Tools	With Tools
<p data-bbox="336 1059 644 1126">To plant seeds in outdoor soil</p> 	<p data-bbox="730 1059 948 1093">What will you do?</p>	<p data-bbox="1034 1059 1289 1126">What tools could you use?</p> 


What did you learn from your investigation?





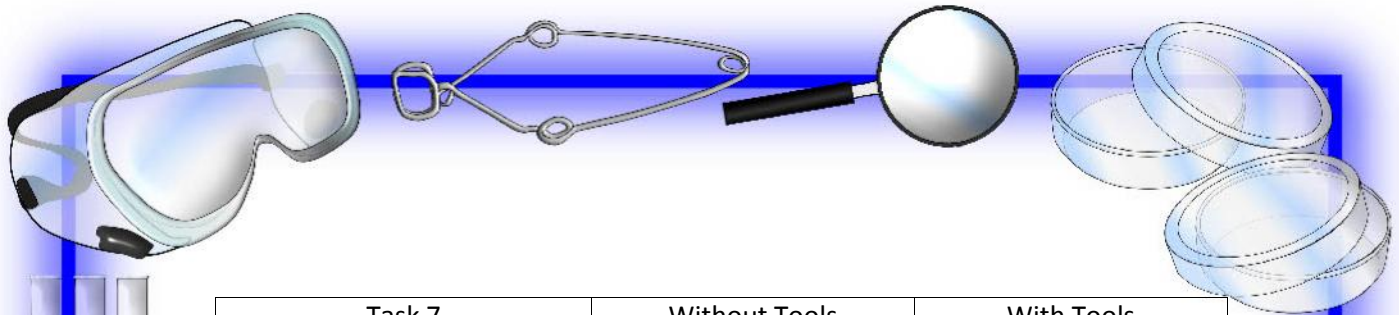
Task 5	Without Tools	With Tools
<p>To make 4 rectangles from one piece of paper</p> 	<p>What will you do?</p>	<p>What tools could you use?</p>


What did you learn from your investigation?

Task 6	Without Tools	With Tools
<p>Create an exact copy/portrait of member of your group</p> 	<p>What will you do?</p>	<p>What tools could you use?</p>

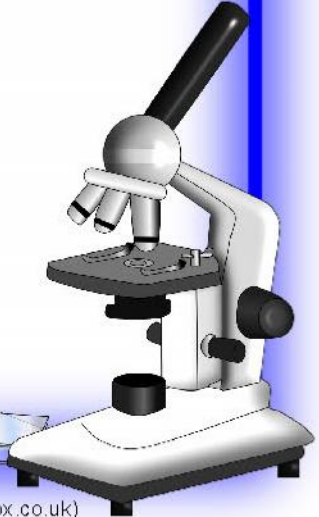
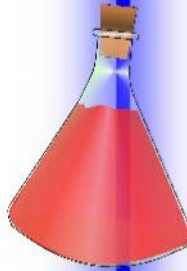
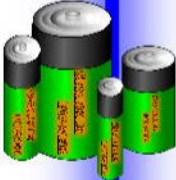
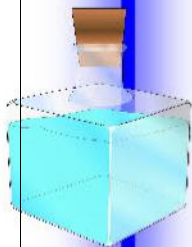
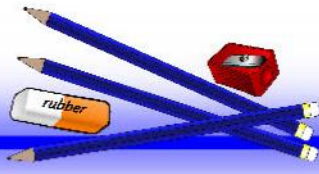
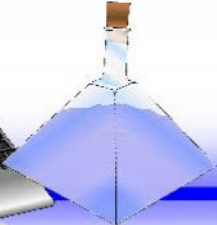
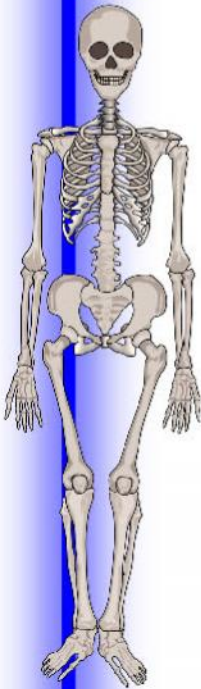
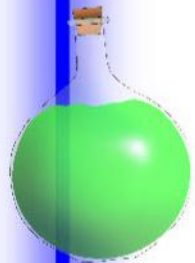
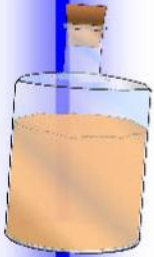
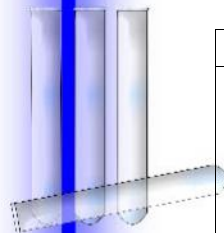
What did you learn from your investigation?

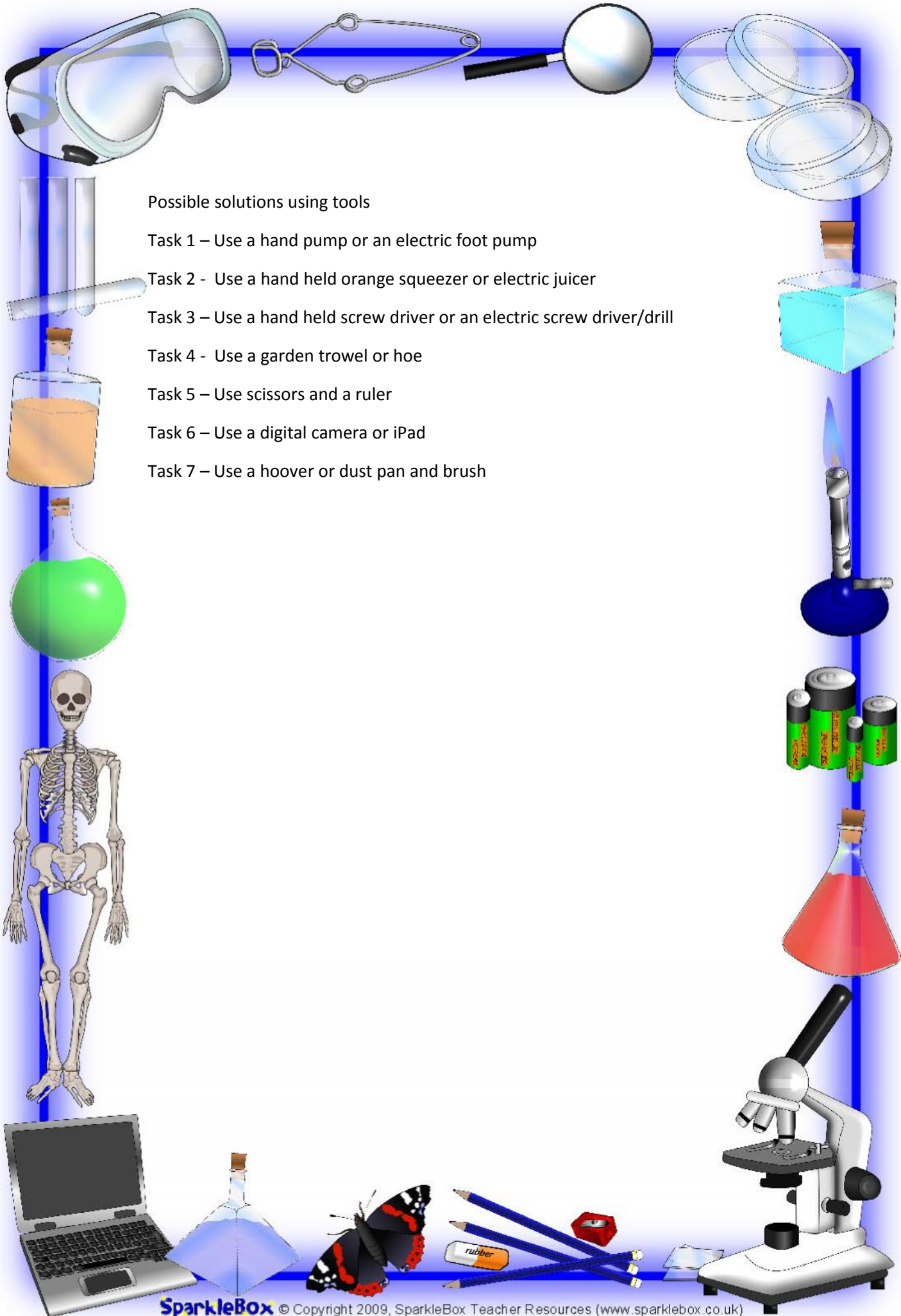




Task 7	Without Tools	With Tools
<p data-bbox="320 456 608 524">Pick up all of the biscuit crumbs from the floor</p> 	<p data-bbox="735 456 959 490">What will you do?</p>	<p data-bbox="1035 456 1294 524">What tools could you use?</p>

What did you learn from your investigation?





Possible solutions using tools

Task 1 – Use a hand pump or an electric foot pump

Task 2 - Use a hand held orange squeezer or electric juicer

Task 3 – Use a hand held screw driver or an electric screw driver/drill

Task 4 - Use a garden trowel or hoe

Task 5 – Use scissors and a ruler

Task 6 – Use a digital camera or iPad

Task 7 – Use a Hoover or dust pan and brush