

Washing hands. We need to ensure that children wash their hands when they come back from the playground. Although new routines have been put in place to ensure that all children wash their hands, we are not sure that they do it well enough. How can programming help us stick to the barrier actions?



Collect data thanks to the board and its embedded sensors

A distance sensor will detect when a kid is near the sink and a time counter starts.



Display the data to get the needed information

When the time count is over, a positive sound is displayed. If the distance sensor detects the kid to leave before finishing to wash their hands, a negative sound will be played.



Analyse the data and learn from them

We can increase awareness of the required time to correctly wash our hands. If teachers identify kids which are not washing well enough their hands they can develop specific actions towards them to improve their behaviour.

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