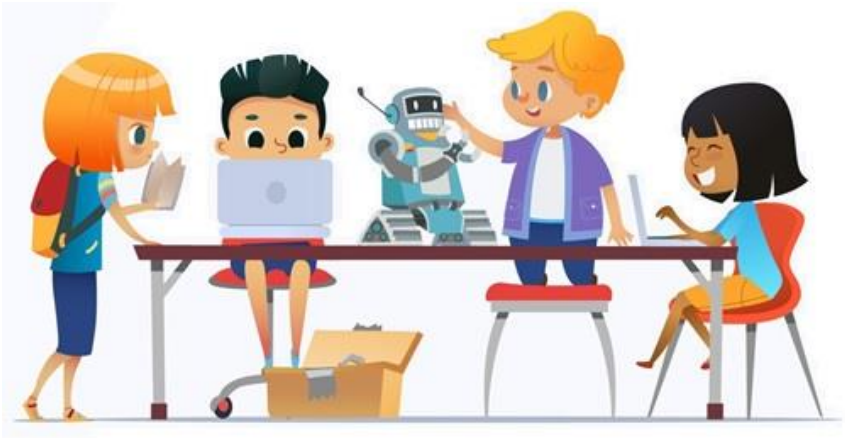
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Toll Gate

Today we have an open lesson

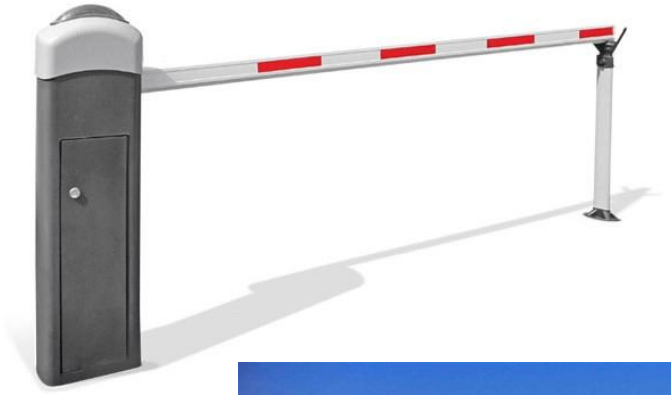


Our topic is a toll gate. Let’s see some pictures for inspiration!

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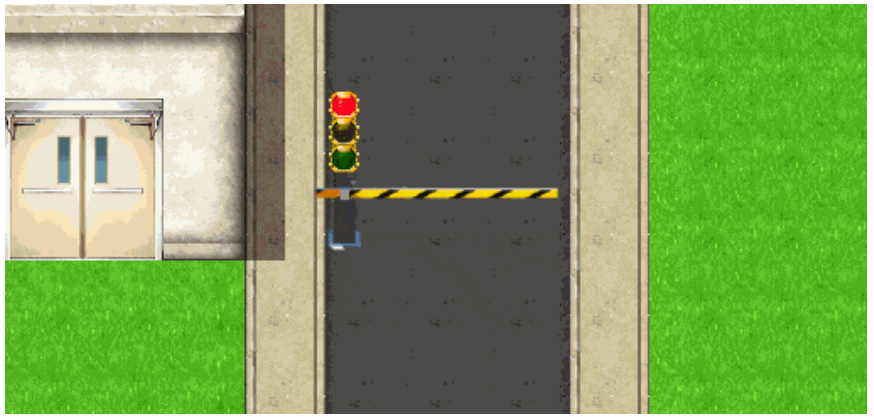
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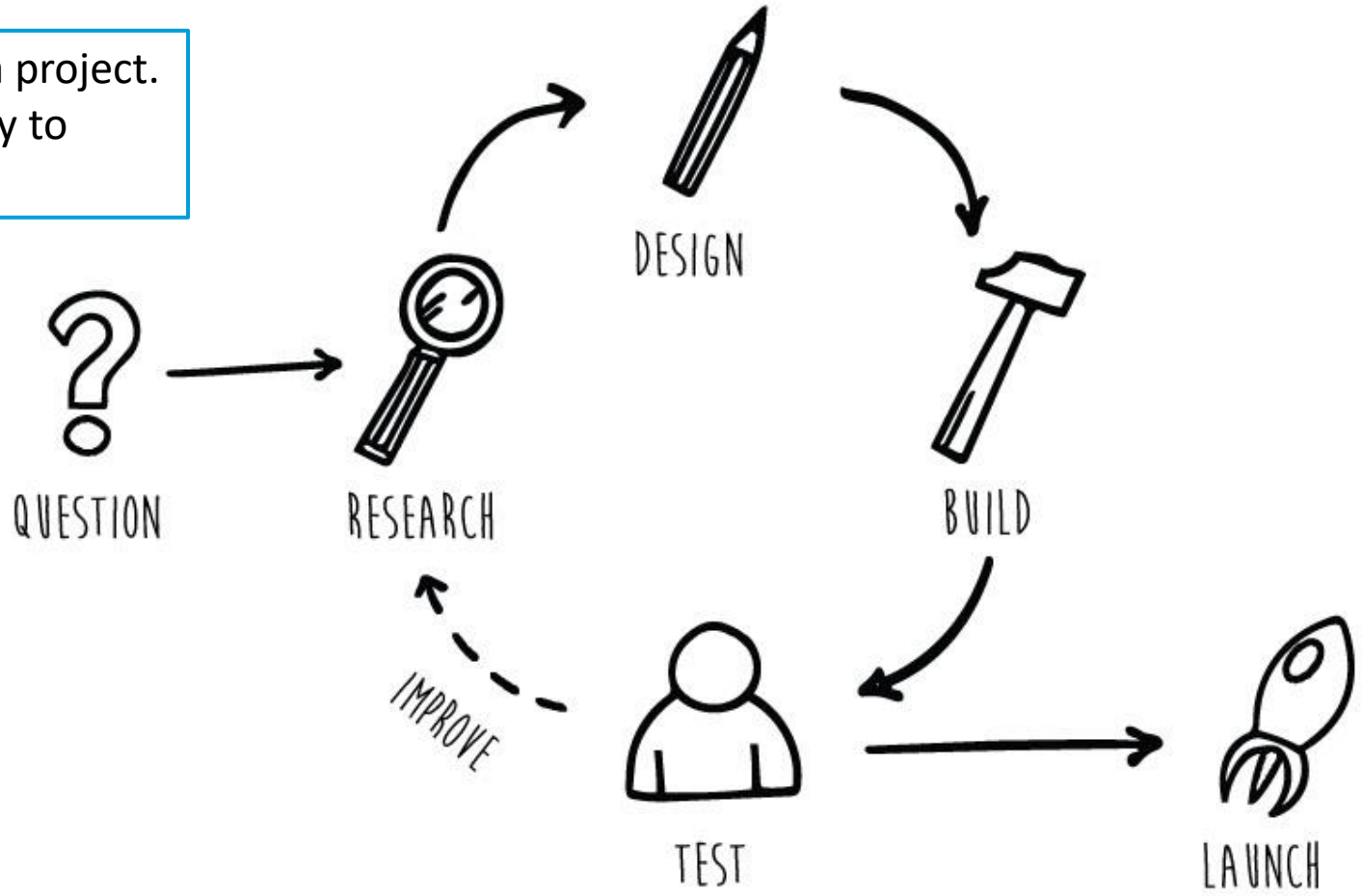


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Today, we will talk about how to create a project. Talk about the stages of a project, and try to find them out in your project!



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Toll Gate

Get into groups and discuss about how you will build your gate.
The purpose is that it needs to open when a vehicle approaches and when it goes away it closes.



When you finish your build, program the gate to open and close using time.

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Let the students work in groups. Get them design in paper how the gate will open and close.

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Try to program the gate to close using the sensor.

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If you have time, try to make a variable that counts the number of cars that pass through the tolls.

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When you finish your worksheet, disassemble your built and put every piece in its right place.



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