

Cri project advancement:

29/03/18:

We started searching for problems and solutions, in order to find a project for us. We first decided in the group what we were interested in and then choose a project. We wanted to help people, by fighting against poverty, and diseases. We know that a lot a person got sick by drinking not pure water. So we decided to create something which can purify the water in a not expensive way. We looked on the internet and find two interesting project that already existed. We choose to mix both of the projects. We would use the solar energy to boil dirty water. Only pure water will boil, and we can refrigerate it to use it after.

05/04/18:

Today we start looking for components that we will need to make our project. It has been very hard to find things, and we only had a few ideas, but we do not have something ready yet. We then looked for others similar projects to see how the others did to make them, what components they use,... It helped us to understand what to do. We have to change things for the project to be realized.

26/04/18:

Today we start to look more precisely for the project. We change the thing we are going to do, but it will still be something to purify the water. Instead of the idea of boiling water, we decided to make a straw which purify the water while you drink. Those straws already existed so we have to kind of improve it. We searched for how to make it real. We found a D.I.Y of the straw with classic straw, and coffee filters. The inconvenient of it is that it can only be used once. We decided what our final project will be: the straw I described earlier, but made with bottles. So we had to look for the components that we will need for this project. We have looked on different websites. We select the ones we needed on amazon. We have selected a few things such as coffee filters, bottles, active carbon,...

03/05/18:

This session, we have waited the components to arrive because they were at Montparnasse. Then when we got the components, one of the two bottles was missing. We started to look at the components. We had problems with one of them (the carbon stick). We watched videos to know how to open it.

17/05/18:

Today, we have to finish the documentation for our project. The second bottle is still missing, so we are going use a plastic bottle in replacement. However we had a problem: the carbon block are to big for the bottles. They do not fit in. We need to find a solution to replace them too. We have thought about using coffee filters to block the active carbon which purify the water. Then, we noticed that the thing we initially wanted to do with cutting and gluing the two bottles is impossible to do, if they are not the same size. So we probably need to use two plastic bottles instead. We have searched for a long time a solution of how to make it with what we have. We may have a solution. We will use two plastic bottle instead of the ones we bought on amazon. We will try to put the active carbon between two coffee filter and glue it with the silicon glue. We will not use the carbon block. We do not have the time to try this today, but we will do it the next time...

24/05/18: The first thing we have done today was to decide the final version of the project. We started to cut the bottles, and placed the coffee filter. Then we found out that we would need another bottle. So we have been to the monoprix to buy one. When we finally found the store, we

discovered that there was no Critsline bottle. So we have found a Franprix, and there there was the bottle we were looking for. We bought two of them, to be sure, that this time, we will have enough. Then, when we came back, we continued the making of the project. We put the active carbon into the two central bottles. The bottle was not totally watertight. At the end, we think it is.

31/05/18: Today, we have a model for our project. We first tried, if the bottle worked by putting some water inside. All the water was staying in the bottle. Then we have try it with mud. It worked well. At the end of the lesson, our bottle was a little broken inside.

07/06/18: When we arrived, we discover that our project had been stolen. We remake two bottles. One was working but other not.