**TESTING BLOOD TYPES**

With three of your classmates, observe the importance of receiving the right type of blood during a transfusion:

Each one will have four plastic cups filled with red ink, blue ink, purple ink or water. **Red** ink for blood **type A,** **Blue** for blood **type B**, **purple** for **type AB** and **water** for **type O**. Take turns for donate blood to each one of your classmates. See what happens as you give blood to each one. Write your results in your notebook.

1. What happened to each cup as they received "blood"?
2. Which one changed the most?
3. Which one didn't have any relevant change?
4. Explain your results.

Fill in the chart according to your results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BLOOD TYPE  TRANSFUSION | **TYPE A** | **TYPE B** | **TYPE AB** | **TYPE O** |
| **RECEIVES A** |  |  |  |  |
| **RECEIVES B** |  |  |  |  |
| **RECEIVES AB** |  |  |  |  |
| **RECEIVES O** |  |  |  |  |

Watch the video about blood types and draw your conclusions.

1. Explain why there are different blood types.
2. Which one is the universal donor?
3. Which one is the universal receptor?
4. What could happen if a person gets the wrong blood type during a transfusion?