**ERASMUS +  : SMART WASTE MANAGERS**

**SLOVENIA RESULTS**

1. Match the elements of the two columns, **topic** and **definition,** all of them are related concepts to waste water.

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| **Waste water** | Waste water generated in households or office buildings from streams without fecal contamination  |
| **Surface runoff** | Flow of water that occurs when excess of stormwater, meltwater, or other sources flow over the Earth’s surface |
| **Waste water treatment** | Process used to remove contaminants and turn them into an effluent that can be returned to the water cycle with a minimum impact on the environment. |
| **Waste water Quality indicators** | Laboratory and test methodologies to assess suitability of wastewater for disposal or re-use |
| **Pollutant** | Substance introduced into the environment that has undesired effects on it. |
| **Human waste (human excreta)** | Waste products of human digestive system and the human metabolism (urine and feces) |
| **Biodegradatation** | It is the breakdown of organic matter by microorganisms, such as bacteria and fungi. |
| **Drinking or clean water** | Potable water, [water](https://en.wikipedia.org/wiki/Water) that is safe to [drink](https://en.wikipedia.org/wiki/Drinking) or to use for [food preparation](https://en.wikipedia.org/wiki/Food_preparation).  |
| **Grey water or sullage** | Any water that has been affected by human use |

2. There are two lists below with different types of pollutants and some examples. First of all, relate pollutants with examples and then make a scheme and classify them into ***(1) Biological***, ***(2) Chemycal or Physical*** pollutants. Finally make a paddlet or pictochart about **POLLUTANTS** using  this information.

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| --- | --- | --- |
| **POLLUTANTS** | **EXAMPLES** | ***(1) Biological***, ***(2) Chemycal or Physical*** pollutants |
| **Heavy metals** | Hg, Pb, Cr.. | 2 |
| **Bacteria** | Salmonella, shigella,...  | 1 |
| **Organic non soluble particle** | Humus, feces, hairs, food, paper fibers,... | 1 |
| **Gases** | Carbon dioxide, methane, hydrogen sulfide... | 2 |
| **Viruses** | Hepatitis A, enteroviruses... | 1 |
| **Macro-solids** | Sanitary napkins, condoms, needles,.. | 2 |
| **Soluble organic materials** | Urea, fruit sugars, drugs, proteins... | 1 |
| **Inorganic particles** | Sand, ceramic, metal particles... | 2 |
| **Soluble inorganic materials** | Ammonia, cyanide, thiocyanates... | 2 |
| **Protozoa** | Entamoeba histolytica, giardia lamblia...  | 1 |
| **Microplastics** | Polyethylene,  polypropylene beads, polyester and polyamide | 2 |
| **Emulsions** | Paints, adhesives, haie colorants, maionaise... | 2 |
| **Parasites** | Helminth ans their eggs, ... | 1 |
| **Toxins** | Pesticides, poisons, herbicides... | 2 |

3. Search for 5 different ways to **reduce waste water** and make an advertising slogan to convince your classmates.

Poiščite 5 različnih načinov za zmanjšanje odpadne vode in naredite oglaševalski slogan, s katerim boste prepričali svoje sošolce.