↘ **10** *WHAT IS PLASTIC?* ↘ **13** *WHAT ARE ADDITIVES?* ↘ **17** *HOW CAN I KNOW WHAT'S IN IT?*

Production

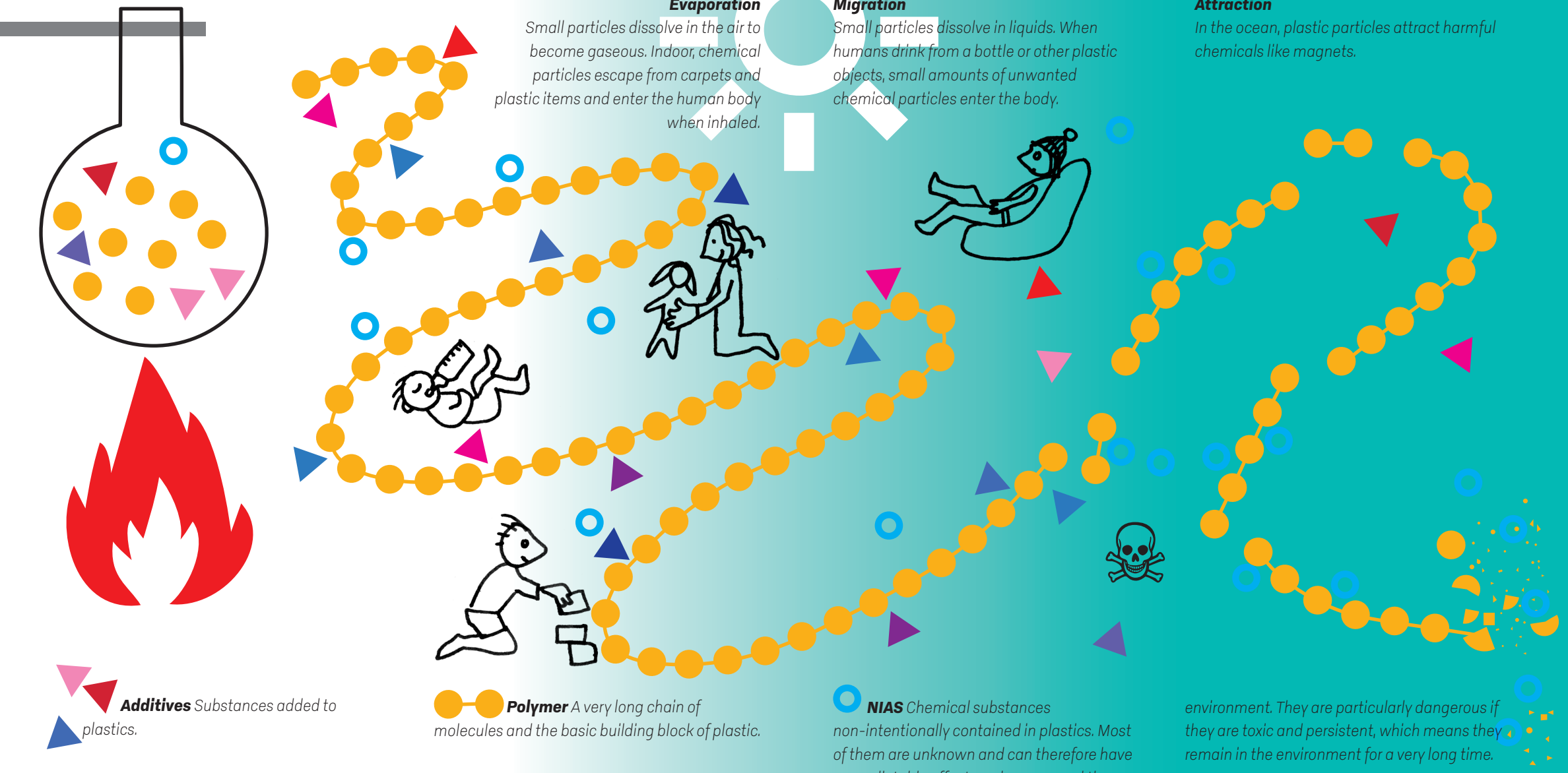
Use

Decomposition

Evaporation
Small particles dissolve in the air to become gaseous. Indoor, chemical particles escape from carpets and plastic items and enter the human body when inhaled.

Migration
Small particles dissolve in liquids. When humans drink from a bottle or other plastic objects, small amounts of unwanted chemical particles enter the body.

Attraction
In the ocean, plastic particles attract harmful chemicals like magnets.



Additives *Substances added to plastics.*

Polymer *A very long chain of molecules and the basic building block of plastic.*

NIAS *Chemical substances non-intentionally contained in plastics. Most of them are unknown and can therefore have unpredictable effects on humans and the environment. They are particularly dangerous if they are toxic and persistent, which means they remain in the environment for a very long time.*