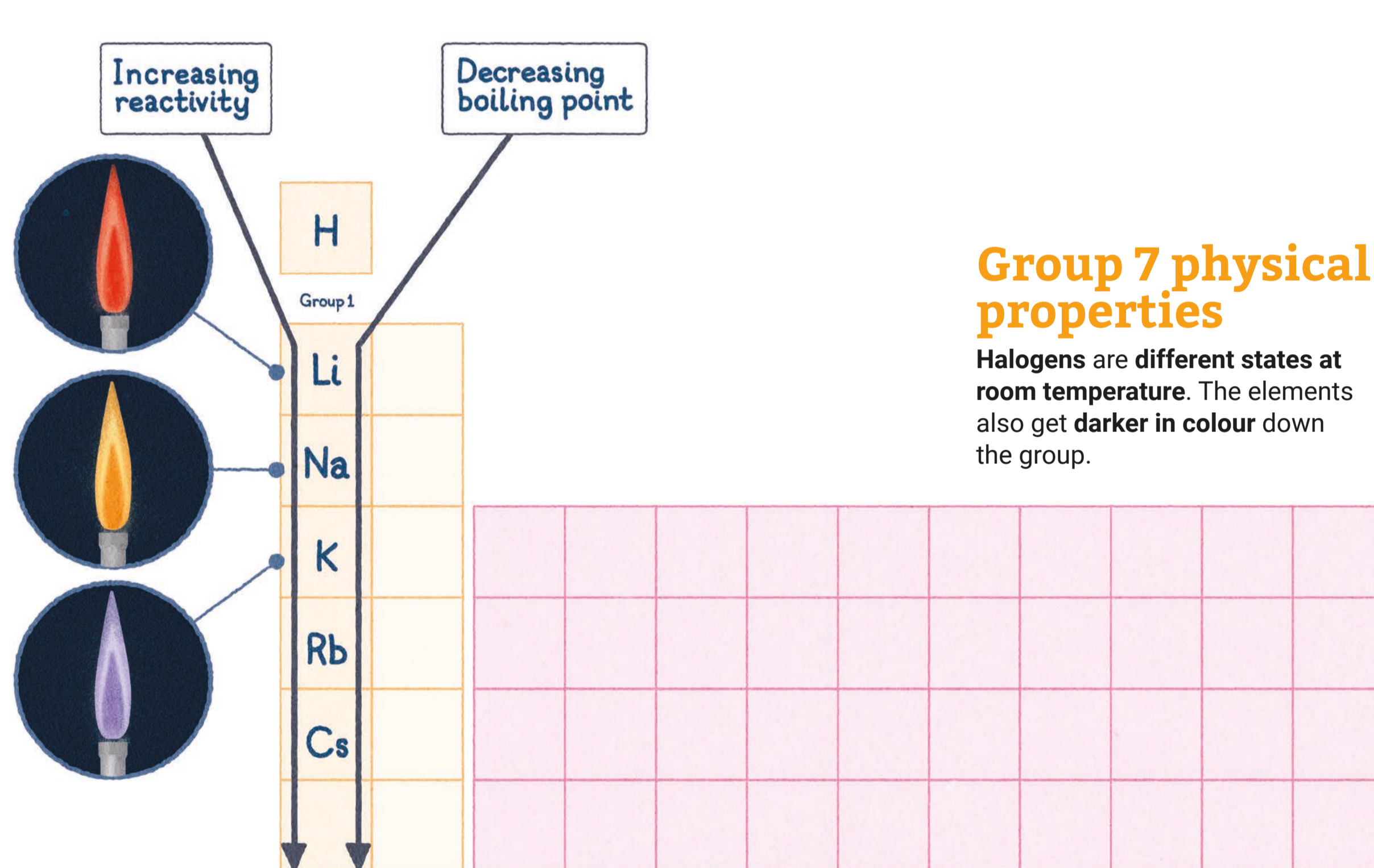


Groups in the periodic table

Elements in each **group** of the **periodic table** share similar **chemical properties** and show **trends in reactivity** and **physical properties**. Here are examples of chemical and physical property trends for groups 1, 7 and 0.



Group 1 chemical properties

Alkali metals become **more reactive** as you move down the group because their atoms gets bigger. Each metal gives off a **characteristic flame colour**.

Group 0 physical properties

The **boiling points** of noble gases increase down the group, because their atoms get bigger.

