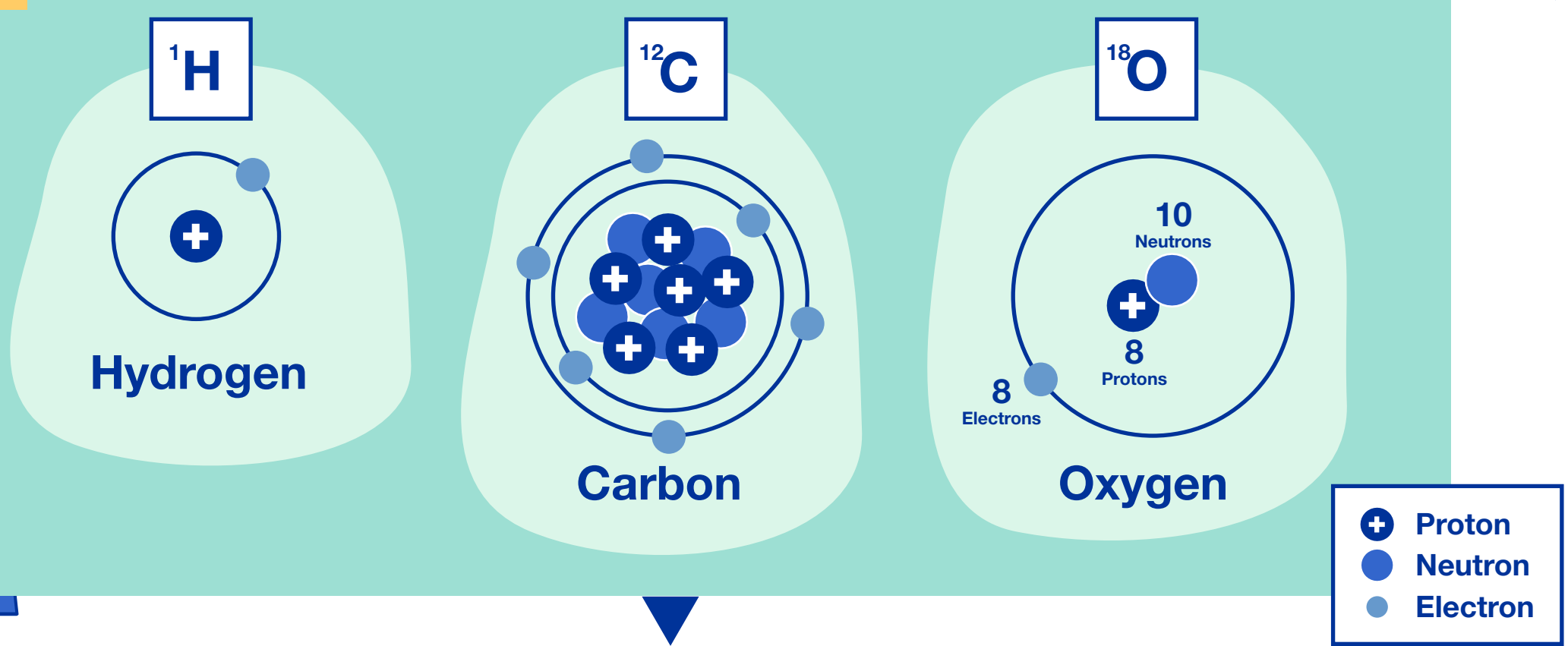


What are isotopes?

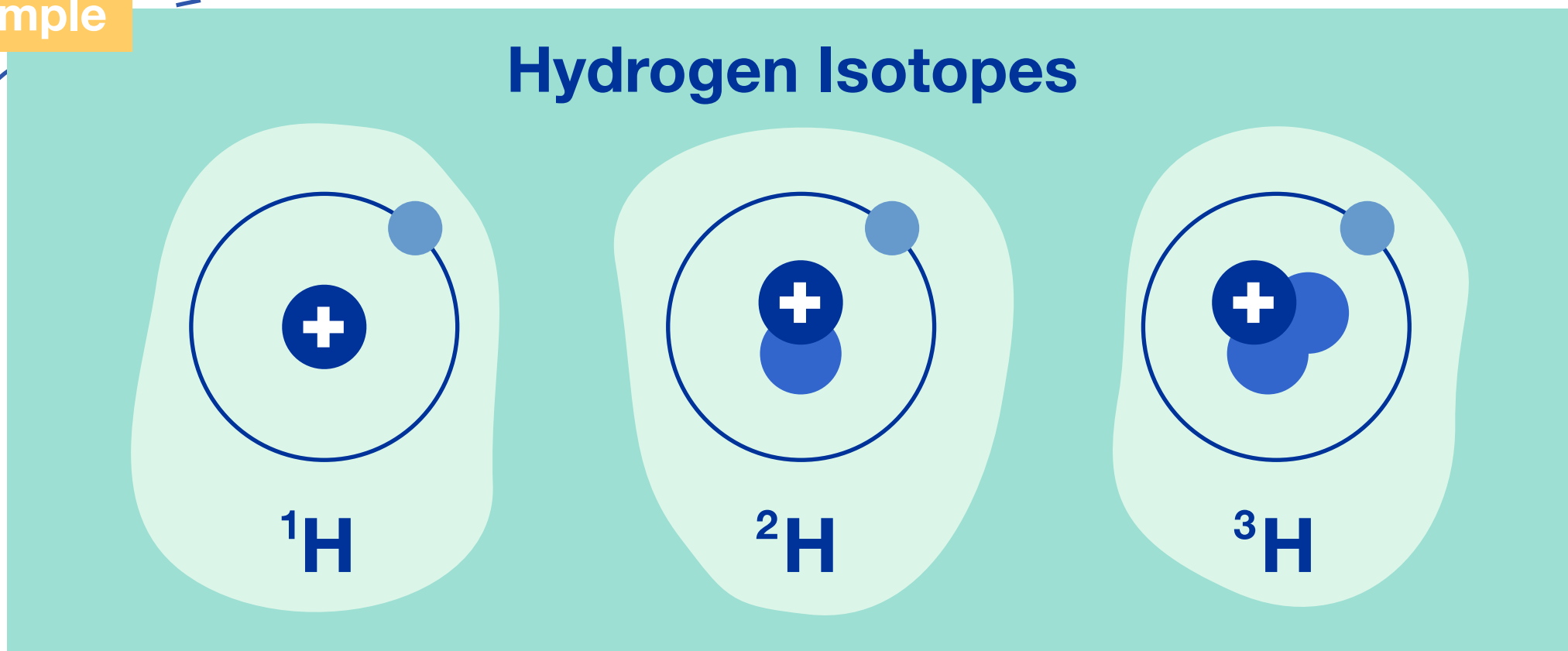
Every chemical element is made up of atoms.

Example

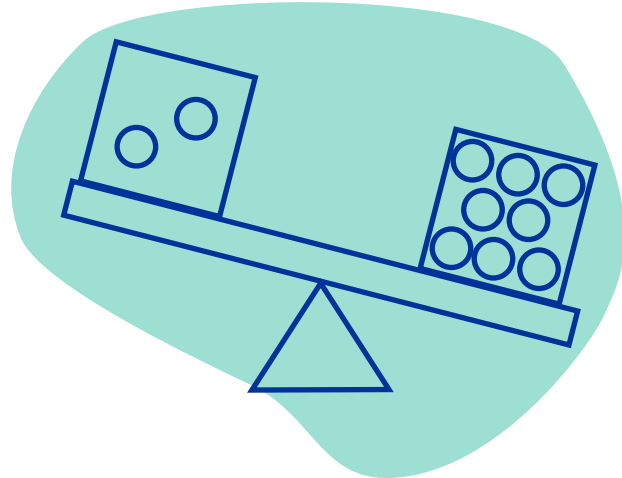


Atoms can differ in the number of neutrons they have. These are called **isotopes**.

Example

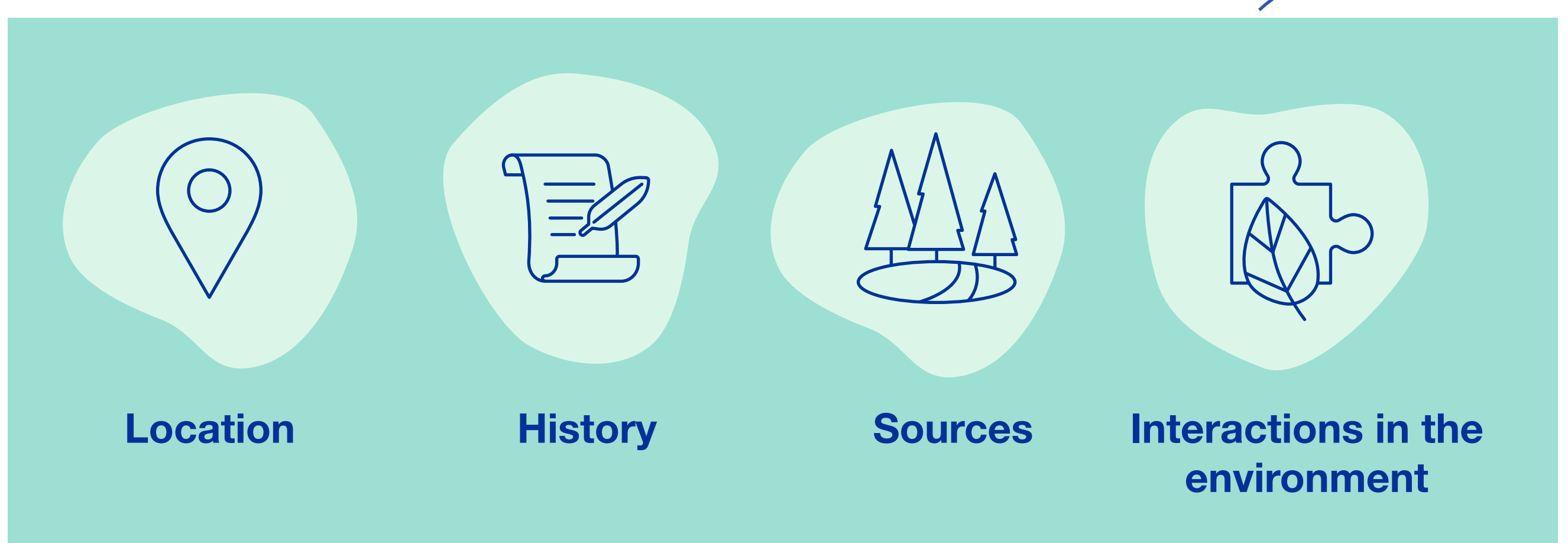


They are types of the same atom and behave the same way chemically, but they have **different mass**.



How can we use isotopes to provide information to adapt to climate change?

Different isotopes can be used to **measure land and water processes**, so we can trace:



Through these measurements, experts can understand how to manage and adapt to **climate change**.

