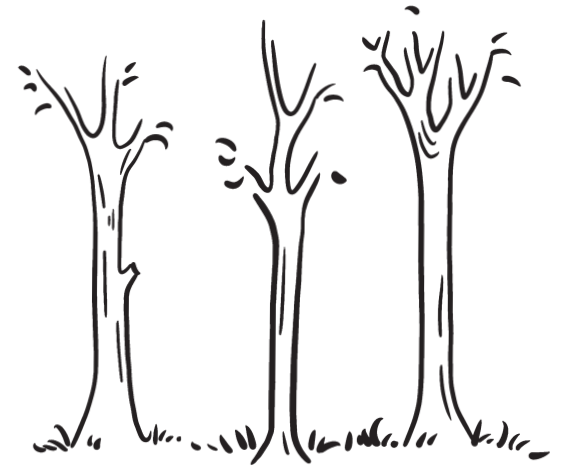
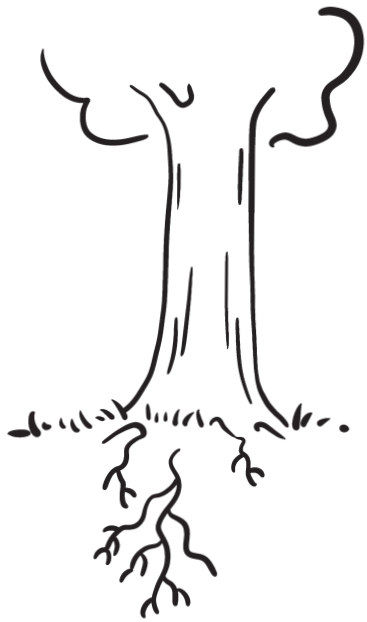


HOW DO TREES GROW?





! Talking trees

Trees need space to grow. Upward and outward, so the crown can grow as large as possible and get plenty of light. The tree can then absorb more carbon dioxide through the leaf surface and release plenty of oxygen. But trees also need space downward so that the roots can reach deep into the earth and find water when there is less of it. Unfortunately, trees can't tell us exactly how much space they need. In the Oak Forest research project, oak trees were planted at different distances in different countries around the world to learn how they grow best and how we can maintain healthy forests even during times of climate change. At one of the areas, researchers from the *Talking Trees* project use technical tools to measure details such as water consumption and tree growth once a minute — so the trees actually do talk to us.

→ [More information: audi-umweltstiftung.de](https://www.audi-umweltstiftung.de)