



# Tree Detective Challenge

## How to ID a Tree using our Tree Keys

Using both the [Deciduous Tree Key](#) and the [Coniferous Tree Key](#), solve the mysteries on the next page by following the keys and answering these questions! (Tip: zoom in on the page to see the photos more clearly.)

### Question 1: Is the tree deciduous or coniferous?

**Deciduous** – A tree or shrub that sheds its leaves annually.

**Coniferous** – Consists mainly of evergreen trees or shrubs (ones that never lose their leaves) and produce fruit in the form of cones.

**If it's a deciduous tree:**

**Question 2:** Are the buds and branching alternate or opposite?

**Question 3:** What is the texture of the bark?

**Question 4:** What is the colour or special feature of the bark?



Alternate



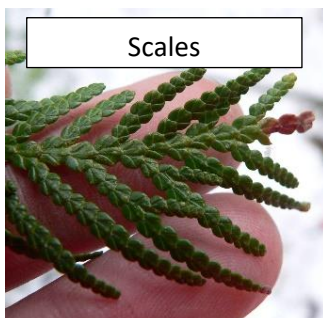
Opposite

**If it's a coniferous tree:**

**Question 2:** Does it have scales or needles?

**Question 3:** If the needles are in bundles (joined together where they meet the twig), how many needles are in a bundle?

**Question 4:** If it has single needles, how long are the single needles (in cm)?



Scales



Needles in a bundle  
of 5



Single needles

# Tree Detective Challenge

Hey Tree Detectives, these five trees have lost their species names. Solve the mysteries and give these trees back their names!



**Clue:** Trees 1-3 are all deciduous with alternate buds / branching.



**Clue:** The needles on tree 4 are 0.5-1 cm long.