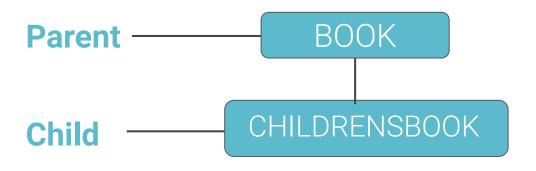


Learning Objectives

- Learn how to create a subclass of an existing class
- Understand that public methods are inherited by the subclass of a class and can be accessed from within the class by using the keyword super





These classes are linked together, so the child will **inherit** all the properties of the parent class



Example:

ChildrensBook is a child of Book

extends:

links child class to its parent

class can only extend one class but can have several classes extending each other in a chain

Book ── ChildrensBook ── BoardBook



super

calls methods/constructors from parent class

if the parent class does not have the method, Java looks at the next parent class up the ladder

at the top ALL classes inherit from Object

