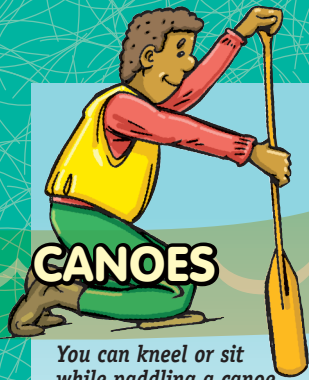


# TYPES OF CANOES AND KAYAKS



## CANOES

You can kneel or sit while paddling a canoe. Kneeling can be more stable, offer more stroking power and be better for your back. On longer trips it may be best to kneel for a while then sit for a while.

There are many types of canoes and kayaks. The way they are made and look depend on how much they are to carry and what kind of water traveled. Open water such as the sea or a large lake demand different boats than rapid moving water or whitewater. Canoes and kayaks can be made of aluminum, wood, fiberglass, canvas, cloth (Kevlar) or plastic (ABS or Royalex). Some kayaks are inflatable like rafts.

ROCKER

## CANOE PROFILES

The curve of the hull from end to end along the keel-line is called "rocker." Canoes with more rocker are easier to turn but move slower on flat water. Longer canoes generally hold more weight and are faster.

SQUARE STEM

ROUNDED STEM

## CROSS-SECTIONS

### ROUND BOTTOM

Feels less stable but is less likely to tip (capsize). Easy to lean.

### VEE BOTTOM

Stable, less likely to tip and bottom gives more control.

### FLAT BOTTOM

Feels and rides stable, but can easily tip if leaned.

### TUMBLEHOME

Makes vertical strokes easier, especially for smaller paddlers.



## KAYAKS

## OVERHEAD VIEWS

