# Table of Contents

- Introduction ................................................................. 3
- Purpose and scope ........................................................ 3
- Usage guide ................................................................. 4
- Hierarchical display of terms ........................................ 6
- Alphabetical display of terms ....................................... 8
- References .................................................................... 24
- Appendix ..................................................................... 25
**INTRODUCTION**

Kayaks are narrow, lightweight boats that are operated by one or more paddlers. Kayaks were invented by the native inhabitants of the Arctic region over four thousand years ago (Hamilton). Kayaks were initially used for the basic elements of living: work, gathering food, and socializing with distant friends and relatives. Kayaks were an important part of the early Arctic societies, and their use has remained important in the culture of Arctic peoples today. Over time, the use of kayaks has developed popularity as a recreational sporting activity.

Kayaking began to gain popularity in Europe in the mid-1800’s, and kayaking became an Olympic sport in 1936 (Bryant). Kayaking is an activity that can be enjoyed in almost any body of water, and can be undertaken by people of all skill levels. There are many different types of kayaks designed for different environments, skill levels, and uses. Kayakers also make use of a variety of accessories depending on what type of kayaking they are performing. Kayakers must learn different types of strokes and maneuvers depending upon what environment they will be in. Fortunately, the new kayaker does not need to learn all of this information; however, the kayaking enthusiast would need to know a wealth of information in order to operate safely.

**PURPOSE AND SCOPE**

People around the world are using kayaks every day. Kayaking has become a popular recreational activity and an Olympic-level sport. This thesaurus was created to give kayakers of all skill levels a controlled vocabulary to use when seeking information about kayaking. This thesaurus will also be useful to researchers engaged in research about the historical use of kayaks, and can be used to index images, videos and other non-textual information. This thesaurus was developed through the study of several instructional kayaking books, articles and guides. This thesaurus is limited to a basic view of the types and uses of kayaks, the environments in which kayaks are used, and some of the basic accessories and navigational techniques used in kayaking.

The thesaurus can be used to index a variety of information. The thesaurus can be applied to books, articles and other printed materials. It can be used to index photographs, videos.
and other non-textual materials. It can be used to create a directory of kayaking facilities, popular kayaking locations, and maps of kayaking routes. This thesaurus is intended to be used by people interested in kayaking as a sport, as a recreational activity, and from a historical perspective as a vital part of the Arctic community.

**USAGE GUIDE**

The terms in this thesaurus are arranged according to the standards in the NISO Standard Z39.19-2003. The terms are listed using two different methods: hierarchical and alphabetical. The first word in each term is capitalized, with any secondary/tertiary words being non-capitalized. The hierarchical display is provided to display the terms according to their semantic relationships. The hierarchy lists broad terms, which are then broken down into narrower terms according to facets of the original broad terms. The facets in this thesaurus are displayed as bracketed terms in italics, for example:

```
Kayaks
  <kayaks by material>
    Fiberglass
    Gel-coat
    Kevlar
    Rotomold
    Skin on Frame
    Wooden
```

In this example, **Kayaks** is the broad term and **<kayaks by material>** is the facet underneath which narrower kayak terms are listed.

This display is used to indicate the parent-child relationship between sets of terms, and to help the user refine their search using ever more specific sets of terms. The alphabetical display also makes use of these relationships, but lists the terms independently of any semantic structure. The alphabetical display contains a scope note describing the intended usage of the term, along with information about terms with direct relationships to the original term. The following list explains the meanings of the abbreviations used in the alphabetical display:

- **SN** scope note; a brief definition of the term used to clarify the meaning of the term within the thesaurus
- **UF** use for; lists the non-preferred terms that are synonymous with the index term
<table>
<thead>
<tr>
<th>Code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT</td>
<td>narrower term; a more specific term than the listed term</td>
</tr>
<tr>
<td>BT</td>
<td>broader term; a more general term than the listed term</td>
</tr>
<tr>
<td>RT</td>
<td>related term; a term related to the listed term or within the same broader term facet</td>
</tr>
<tr>
<td>USE</td>
<td>directs the user from a non-preferred term to a preferred term</td>
</tr>
</tbody>
</table>
**HIERARCHICAL DISPLAY OF TERMS**

**Accessories**

Navigational aids
- Compasses
- Global positioning systems
- Paddles
- Tide tables
- Topographic maps

Protective equipment
- Dry suits
- Helmets
- Personal flotation devices
- Spray skirts

Storage
- Dry bags
- Hatches

**Kayaks**

<kayaks by material>
- Fiberglass
- Gel-coat
- Kevlar
- Rotomold
- Skin on Frame
- Wooden kayaks

<kayaks by type>
- Arctic kayaks
- Folding kayaks
- Inflatable kayaks
- Sit-on-top kayaks
- Tandem kayaks

<kayaks by usage>
- Recreational kayaks
- Sea kayaks
- Surf kayaks
- Whitewater kayaks

Kayak parts
- Bows
- Chines
- Cockpits
- Hulls
- Rockers
- Rudders
- Sterns

**Navigation**

- Landing

Kayaking Thesaurus
Launching
Paddling
  Draw strokes
  Forward strokes
  Forward sweep strokes
  High braces
  Low braces
  Paddle braces
  Reverse strokes
  Reverse sweep strokes
  Spin turns

Piloting
  Bearings
  Lines of position
  Ranges

Water
  Currents
  Tides
  <water by type>
    Lakes
    Rivers
    Whitewater
      <rivers by type>
        Class I
        Class II
        Class III
        Class IV
        Class V
        Class VI
    Seas
# ALPHABETICAL DISPLAY OF TERMS

180 degree turns
  USE Spin turns

**Accessories**

<table>
<thead>
<tr>
<th>SN</th>
<th>Supplementary items used when kayaking</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Attachments</td>
</tr>
<tr>
<td></td>
<td>Add-ons</td>
</tr>
<tr>
<td>NT</td>
<td>Navigational aids</td>
</tr>
<tr>
<td></td>
<td>Protective equipment</td>
</tr>
<tr>
<td></td>
<td>Storage</td>
</tr>
<tr>
<td>RT</td>
<td>Kayak parts</td>
</tr>
</tbody>
</table>

**Arctic kayaks**

<table>
<thead>
<tr>
<th>SN</th>
<th>The boats that all kayaks today are based on. These kayaks were originally made by the Inuits who lived in northern North America or by people in Siberia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Kayaks</td>
</tr>
<tr>
<td>RT</td>
<td>Folding kayaks</td>
</tr>
<tr>
<td></td>
<td>Inflatable kayaks</td>
</tr>
<tr>
<td></td>
<td>Sit-on-top kayaks</td>
</tr>
<tr>
<td></td>
<td>Tandem kayaks</td>
</tr>
</tbody>
</table>

**Attachments**

<table>
<thead>
<tr>
<th>USE</th>
<th>Accessories</th>
</tr>
</thead>
</table>

**Add-ons**

<table>
<thead>
<tr>
<th>USE</th>
<th>Accessories</th>
</tr>
</thead>
</table>

**Backs**

<table>
<thead>
<tr>
<th>USE</th>
<th>Sterns</th>
</tr>
</thead>
</table>

**Backward strokes**

<table>
<thead>
<tr>
<th>USE</th>
<th>Reverse strokes</th>
</tr>
</thead>
</table>

**Bags**

<table>
<thead>
<tr>
<th>USE</th>
<th>Dry bags</th>
</tr>
</thead>
</table>

**Bearings**

<table>
<thead>
<tr>
<th>SN</th>
<th>The compass directions in which a paddler is heading</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Piloting</td>
</tr>
<tr>
<td>RT</td>
<td>Compasses</td>
</tr>
<tr>
<td></td>
<td>Lines of position</td>
</tr>
<tr>
<td></td>
<td>Ranges</td>
</tr>
</tbody>
</table>

**Blow-up kayaks**

<table>
<thead>
<tr>
<th>USE</th>
<th>Inflatable kayaks</th>
</tr>
</thead>
</table>

**Boats**

<table>
<thead>
<tr>
<th>USE</th>
<th>Kayaks</th>
</tr>
</thead>
</table>

**Bottoms**

<table>
<thead>
<tr>
<th>USE</th>
<th>Hulls</th>
</tr>
</thead>
</table>

**Bows**
Kayaking Thesaurus

**Chines**

SN  The curve between the sides and the bottom of the kayak  
UF  Curves  
BT  Kayak parts  
RT  Bows  
      Cockpits  
      Hulls  
      Rockers  
      Rudders  
      Sterns

**Class I**

SN  Easy, fast moving water with little to no obstacles  
BT  Whitewater  
RT  Class II  
      Class III  
      Class IV  
      Class V  
      Class VI

**Class II**

SN  Novice, straightforward rapids with easily avoidable obstacles  
BT  Whitewater  
RT  Class I  
      Class III  
      Class IV  
      Class V  
      Class VI

**Class III**

SN  Intermediate, moderate rapids that may require complex maneuvers  
BT  Whitewater  
RT  Class I  
      Class II  
      Class IV  
      Class V  
      Class VI

**Class IV**

SN  Advanced, intense rapids that require complex maneuvers  
BT  Whitewater  
RT  Class I  
      Class II  
      Class III  
      Class V
Class VI

SN Expert, long and possibly violent rapids where rescue may be difficult
BT Whitewater
RT Class I
Class II
Class III
Class IV
Class V

Class VI

SN Extreme, rapids with a very high level of danger
BT Whitewater
RT Class I
Class II
Class III
Class IV
Class V

Coating

USE Gel-coat

Cockpits

SN The openings in a kayak’s deck where the paddler sits
UF Openings
Seats
BT Kayak parts
RT Bows
Chines
Hulls
Rockers
Rudders
Spray skirts
Sterns

Collapsible kayaks

USE Folding kayaks

Compartments

USE Hatches

Compasses

SN A type of device used to determine geographic location
BT Navigational aids
RT Bearings
Global positioning systems
Paddles
Tide tables
Topographic maps

Creeks

USE Rivers

Currents

SN The movements of water in large or fast-moving bodies of water
<table>
<thead>
<tr>
<th>UF</th>
<th>BT</th>
<th>RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rip currents</td>
<td>Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rivers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seas</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tides</td>
<td></td>
</tr>
</tbody>
</table>

**Curves**

<table>
<thead>
<tr>
<th>USE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chines</td>
</tr>
</tbody>
</table>

**Disembarking**

<table>
<thead>
<tr>
<th>USE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Landing</td>
</tr>
</tbody>
</table>

**Double kayaks**

<table>
<thead>
<tr>
<th>USE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tandem kayaks</td>
</tr>
</tbody>
</table>

**Draw strokes**

<table>
<thead>
<tr>
<th>SN</th>
<th>A stroke designed to move the kayak sideways</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Paddling</td>
</tr>
<tr>
<td>RT</td>
<td>Forward strokes</td>
</tr>
<tr>
<td></td>
<td>Forward sweep strokes</td>
</tr>
<tr>
<td></td>
<td>High braces</td>
</tr>
<tr>
<td></td>
<td>Low braces</td>
</tr>
<tr>
<td></td>
<td>Paddle braces</td>
</tr>
<tr>
<td></td>
<td>Reverse strokes</td>
</tr>
<tr>
<td></td>
<td>Reverse sweep strokes</td>
</tr>
<tr>
<td></td>
<td>Spin turns</td>
</tr>
</tbody>
</table>

**Dry bags**

<table>
<thead>
<tr>
<th>SN</th>
<th>Waterproof bags used to store gear</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Bags</td>
</tr>
<tr>
<td></td>
<td>Storage bags</td>
</tr>
<tr>
<td>BT</td>
<td>Storage</td>
</tr>
<tr>
<td>RT</td>
<td>Hatches</td>
</tr>
</tbody>
</table>

**Dry suits**

<table>
<thead>
<tr>
<th>SN</th>
<th>A waterproof garment with watertight seals at the neck, wrist, and ankles</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Protective equipment</td>
</tr>
<tr>
<td>RT</td>
<td>Helmets</td>
</tr>
<tr>
<td></td>
<td>Personal flotation devices</td>
</tr>
<tr>
<td></td>
<td>Spray skirts</td>
</tr>
</tbody>
</table>

**Fiberglass**

<table>
<thead>
<tr>
<th>SN</th>
<th>A kayak constructed with fiberglass</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Kayaks</td>
</tr>
<tr>
<td>RT</td>
<td>Gel-coat</td>
</tr>
<tr>
<td></td>
<td>Kevlar</td>
</tr>
<tr>
<td></td>
<td>Rotomold</td>
</tr>
<tr>
<td></td>
<td>Skin on frame</td>
</tr>
<tr>
<td></td>
<td>Wooden</td>
</tr>
</tbody>
</table>

**Folding kayaks**

<table>
<thead>
<tr>
<th>SN</th>
<th>A kayak with a collapsible frame made of some combination of wood, aluminum and plastic, and a skin made of a tough fabric with a waterproof coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Collapsible kayaks</td>
</tr>
<tr>
<td>BT</td>
<td>Kayaks</td>
</tr>
<tr>
<td>RT</td>
<td>Arctic kayaks</td>
</tr>
</tbody>
</table>
Inflatable kayaks
Sit-on-top kayaks
Tandem kayaks

Foot pedals
USE Rudders

Forward strokes
SN A stroke where the paddler begins by reaching forward
BT Paddling
RT Draw strokes
Forward sweep strokes
High braces
Low braces
Paddle braces
Reverse strokes
Reverse sweep strokes
Spin turns

Forward sweep strokes
SN A stroke where the paddler begins by reaching forward and drags the paddle 180 degrees from bow to stern
BT Paddling
RT Draw strokes
Forward strokes
High braces
Low braces
Paddle braces
Reverse strokes
Reverse sweep strokes
Spin turns

Front
USE Bows

Gel-coat
SN The abrasion-resistant outer layer in a molded fiberglass-and-resin kayak
UF Coating
BT Kayaks
RT Fiberglass
Kevlar
Rotomold
Skin on frame
Wooden kayaks

Global positioning systems
SN Electronic devices that use satellite technology to aid in navigation
UF GPS
BT Navigational aids
RT Compasses
Paddles
Tide tables
Topographic maps

GPS
USE Global positioning systems
| **Hatches** | **SN** | Covered openings in kayaks used for storage |
|            | **UF** | Compartments |
|            |        | Holds |
|            |        | Storage areas |
|            | **BT** | Storage |
|            | **RT** | Dry Bags |

| **Helmets** | **SN** | Any of various protective head coverings usually made of a hard material to resist impact |
|            | **BT** | Protective equipment |
|            | **RT** | Dry suits |
|            |        | Personal flotation devices |
|            |        | Spray skirts |

| **High braces** | **SN** | A technique used to prevent capsizing that requires the paddler to hold the paddle at shoulder height |
|                 | **BT** | Paddling |
|                 | **RT** | Draw strokes |
|                 |        | Forward strokes |
|                 |        | Forward sweep strokes |
|                 |        | Low braces |
|                 |        | Paddle braces |
|                 |        | Reverse strokes |
|                 |        | Reverse sweep strokes |
|                 |        | Spin turns |

| **Holds** | **USE** | Hatches |

| **Hulls** | **SN** | The bottom of a kayak |
|           | **UF** | Bottoms |
|           | **BT** | Kayak parts |
|           | **RT** | Bows |
|           |        | Chines |
|           |        | Cockpits |
|           |        | Rockers |
|           |        | Rudders |
|           |        | Sterns |

| **Inflatable kayaks** | **SN** | A kayak designed to be inflated and deflated that does not have a rigid frame |
|                      | **UF** | Blow-up kayaks |
|                      | **BT** | Kayaks |
|                      | **RT** | Arctic kayaks |
|                      |        | Folding kayaks |
|                      |        | Sit-on-top kayaks |
|                      |        | Tandem kayaks |

| **Kayak components** | **USE** | Kayak parts |
Kayaking Thesaurus

Kayak features
USE Kayak parts

Kayak parts
SN The features that make up a kayak
UF Kayak components
Kayak features
Kayak sections
NT Bows
Chines
Cockpits
Hulls
Rockers
Rudders
Sterns
BT Kayaks
RT Accessories

Kayak sections
USE Kayak parts

Kayaks
SN Non-motorized boats operated by paddlers using one two-sided paddle each
UF Boats
NT Arctic kayaks
Fiberglass
Folding kayaks
Gel-coat
Inflatable kayaks
Kevlar
Recreational kayaks
Rotomold
Sea kayaks
Sit-on-top kayaks
Skin on frame
Surf kayaks
Tandem kayaks
Whitewater kayaks
Wooden kayaks

Kevlar
SN A kayak constructed with Kevlar
BT Kayaks
RT Fiberglass
Gel-coat
Rotomold
Skin on frame
Wooden kayaks

Lakes
SN Large bodies of standing water
BT Water
RT Tides
Rivers
Seas

Kayaking Thesaurus
<table>
<thead>
<tr>
<th><strong>Landing</strong></th>
<th>The act of stopping a kayak at a point where the paddler can exit the kayak</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SN</strong></td>
<td>Disembarking</td>
</tr>
<tr>
<td><strong>UF</strong></td>
<td>The act of setting the kayak in motion in a body of water</td>
</tr>
<tr>
<td><strong>BT</strong></td>
<td>Navigation</td>
</tr>
<tr>
<td><strong>RT</strong></td>
<td>Launching</td>
</tr>
<tr>
<td></td>
<td>Paddling</td>
</tr>
<tr>
<td></td>
<td>Piloting</td>
</tr>
</tbody>
</table>

| **Life jackets**   | Personal flotation devices                                                |
| **USE**            |                                                                          |
| **Life vests**     | Personal flotation devices                                                |
| **USE**            |                                                                          |

| **Lines of position** | A range on which a paddler is located                                   |
| **SN**               |                                                                          |
| **BT**               | Piloting                                                                 |
| **RT**               | Bearings                                                                 |
|                      | Ranges                                                                   |

| **Low braces**       | A technique used to prevent capsizing that requires the paddler to hold the paddle at deck height |
| **SN**               |                                                                          |
| **BT**               | Paddling                                                                |
| **RT**               | Draw strokes                                                             |
|                      | Forward strokes                                                          |
|                      | Forward sweep strokes                                                    |
|                      | High braces                                                              |
|                      | Paddle braces                                                            |
|                      | Reverse strokes                                                          |
|                      | Reverse sweep strokes                                                    |
|                      | Spin turns                                                               |

| **Maps**            | Topographic maps                                                         |
| **USE**             |                                                                          |

| **Navigation**      | The act of directing the kayak to a chosen destination                    |
| **SN**              |                                                                          |
| **NT**              |                                                                          |
| **RT**              |                                                                          |

| **Navigational aids** | Tools used to aid the paddler in navigation                             |
| **SN**               |                                                                          |
Nautical aids
USE Navigational aids

Oars
USE Paddles

Ocean kayaks
USE Sea kayaks

Oceans
USE Seas

Openings
USE Cockpits

Paddle braces
SN Techniques used to regain stability in a kayak
UF Paddle stops
BT Paddling
RT Draw strokes
Forward strokes
Forward sweep strokes
High braces
Low braces
Reverse strokes
Reverse sweep strokes
Spin turns

Paddles
SN Implements that have a long handle and a broad flattened blade and that are used to propel and steer a kayak
UF Oars
BT Navigational aids
RT Compasses
Global positioning systems
Paddling
Tide tables
Topographic maps

Paddling
SN The act of using a paddle
UF Rowing
NT Draw strokes
Forward strokes
Forward sweep strokes
High braces
Low braces
Paddle braces
Reverse strokes
Reverse sweep strokes
Spin turns
BT Navigation
RT Landing
Launching
Piloting

Personal flotation devices
SN A foam-filled vest worn for flotation
UF Life jackets
Life vests
PFDs
BT Protective equipment
RT Dry suits
Helmets
Spray skirts

PFDs
USE Personal flotation devices

Piloting
SN The act of moving a kayak in an intended direction
UF Steering
NT Bearings
Lines of position
Ranges
BT Navigation
RT Landing
Launching
Paddling

Plastic
USE Rotomold

Protective gear
USE Protective equipment

Protective equipment
SN Items used to protect the paddler
UF Protective gear
Safety equipment
Safety gear
NT Dry suits
Helmets
Personal flotation devices
Spray skirts
BT Accessories
RT Navigational aids
Storage

Ranges
SN A line through two fixed points used in piloting
RT Piloting

Lines of position

**Rapids**

USE Whitewater

**Recreational kayaks**

SN Kayaks used for recreational purposes such as paddling in calm waters and fishing

UF Touring kayaks

BT Kayaks

RT Sea kayaks

Surf kayaks

Whitewater kayaks

**Rears**

USE Sterns

**Reverse strokes**

SN A stroke where the paddler begins by reaching backward

UF Backward strokes

BT Paddling

RT Draw strokes

Forward strokes

Forward sweep strokes

High braces

Low braces

Paddle braces

Reverse sweep strokes

Spin turns

**Reverse sweep strokes**

SN A stroke where the paddler begins by reaching backward and drags the paddle 180 degrees from stern to bow

BT Paddling

RT Draw strokes

Forward strokes

Forward sweep strokes

High braces

Low braces

Paddle braces

Reverse strokes

Spin turns

**Rip currents**

USE Currents

**Rivers**

SN Bodies of water that are flowing in one direction

UF Creeks

Streams

NT Whitewater

BT Water

RT Currents

Tides
Lakes
Seas
Whitewater kayaks

Rockers
SN  The lengthwise curvature of the kayak
BT  Kayak parts
RT  Bows
Chines
Cockpits
Hulls
Rudders
Sterns

Rotationally molded plastic
USE  Rotomold

Rotomold
SN  A kayak constructed with rotationally molded plastic
UF  Plastic
Rotationally molded plastic
BT  Kayaks
RT  Fiberglass
Gel-coat
Kevlar
Skin on frame
Wooden kayaks

Rowing
USE  Paddling

Rudders
SN  Flat-bladed steering apparatuses controlled by a pair of foot pedals
UF  Foot pedals
Tillers
BT  Kayak parts
RT  Bows
Chines
Cockpits
Hulls
Rockers
Sterns

Safety equipment
USE  Protective equipment

Safety gear
USE  Protective equipment

Sea kayaks
SN  Kayaks designed for operation in an ocean environment
UF  Ocean kayaks
BT  Kayaks
RT  Recreational kayaks
Seas
Surf kayaks
Whitewater kayaks

Seas

<table>
<thead>
<tr>
<th>SN</th>
<th>Large bodies of salt water</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Oceans</td>
</tr>
<tr>
<td>BT</td>
<td>Water</td>
</tr>
<tr>
<td>RT</td>
<td>Currents</td>
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<tr>
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<td>Tides</td>
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<td></td>
<td>Lakes</td>
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<tr>
<td></td>
<td>Rivers</td>
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<td></td>
<td>Sea kayaks</td>
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<tr>
<td></td>
<td>Surf kayaks</td>
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Seats

| USE | Cockpits |

Sit-on-top kayaks

<table>
<thead>
<tr>
<th>SN</th>
<th>Kayaks designed for the paddler to sit on top of the kayak</th>
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<tbody>
<tr>
<td>BT</td>
<td>Kayaks</td>
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<tr>
<td>RT</td>
<td>Arctic kayaks</td>
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<tr>
<td></td>
<td>Folding kayaks</td>
</tr>
<tr>
<td></td>
<td>Inflatable kayaks</td>
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<tr>
<td></td>
<td>Tandem kayaks</td>
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Skin on frame

<table>
<thead>
<tr>
<th>SN</th>
<th>Kayaks with wooden or aluminum frames that are covered by a layer of seal skin, canvas or nylon</th>
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<tbody>
<tr>
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<tr>
<td>RT</td>
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<tr>
<td></td>
<td>Gel-coat</td>
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<td>Kevlar</td>
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<td></td>
<td>Rotomold</td>
</tr>
<tr>
<td></td>
<td>Wooden kayaks</td>
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Spin turns

<table>
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<tr>
<th>SN</th>
<th>Maneuvers designed to turn the kayak 180 degrees in a quick fashion</th>
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<tbody>
<tr>
<td>UF</td>
<td>180 Degree turns</td>
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<tr>
<td>BT</td>
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<tr>
<td>RT</td>
<td>Draw strokes</td>
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<tr>
<td></td>
<td>Forward strokes</td>
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<tr>
<td></td>
<td>Forward sweep strokes</td>
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<tr>
<td></td>
<td>High braces</td>
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<tr>
<td></td>
<td>Low braces</td>
</tr>
<tr>
<td></td>
<td>Paddle braces</td>
</tr>
<tr>
<td></td>
<td>Reverse strokes</td>
</tr>
<tr>
<td></td>
<td>Reverse sweep strokes</td>
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Spray skirts

<table>
<thead>
<tr>
<th>SN</th>
<th>Garments that form a water resistant seal between the paddler and the lip of the kayak's cockpit</th>
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</thead>
<tbody>
<tr>
<td>BT</td>
<td>Protective equipment</td>
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<tr>
<td>RT</td>
<td>Cockpits</td>
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<td></td>
<td>Dry Suits</td>
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<td>Helmets</td>
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<td>Personal flotation devices</td>
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</table>

Kayaking Thesaurus
Kayaking Thesaurus

Steering
USE Piloting

Sterns
SN The rear of the kayak
UF Backs
Rears
BT Kayak Parts
RT Bows
Chines
Cockpits
Hulls
Rockers
Rudders

Storage
SN A space or place for storing
UF Stowage
NT Dry bags
Hatches
BT Accessories
RT Navigational aids
Protective equipment

Storage bags
USE Dry bags

Stowage
USE Storage

Streams
USE Rivers

Surfing kayaks
USE Surf kayaks

Surf kayaks
SN Kayaks designed for maneuvering in ocean waves
UF Surfing kayaks
BT Kayaks
RT Recreational kayaks
Sea kayaks
Seas
Whitewater kayaks

Take off
USE Launching

Taking off
USE Launching

Tandem kayaks
SN Kayaks designed for use by two paddlers
UF Double kayaks
Two-person kayaks
Two-seater kayaks
Kayaking Thesaurus

BT Kayaks
RT Arctic kayaks
Folding kayaks
Inflatable kayaks
Sit-on-top kayaks

Tide charts
USE Tide tables

Tide tables
SN Charts indicating the times and heights of tides in a body of water
UF Tide charts
BT Navigational aids
RT Compasses
Global positioning systems
Paddles
Topographic maps

Tides
SN The gravitational effect of the moon and sun that creates a constantly changing topography in moving bodies of water
BT Water
RT Currents
Lakes
Rivers
Seas

Tillers
USE Rudders

Topographic maps
SN Maps detailing environmental features of a body of water
UF Maps
BT Navigational aids
RT Compasses
Global positioning systems
Paddles
Tide tables

Touring kayaks
USE Recreational kayaks

Two-person kayaks
USE Tandem kayaks

Two-seater kayaks
USE Tandem kayaks

Water
SN The liquid contained within all bodies of water
NT Currents
Tides
Lakes
Rivers
Seas
**Whitewater kayaks**

<table>
<thead>
<tr>
<th>SN</th>
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<tbody>
<tr>
<td>SN</td>
<td>Kayaks</td>
<td>designed for traversing white water rapids</td>
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<tr>
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<tr>
<td>RT</td>
<td>Recreational kayaks</td>
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</table>

**Rivers**

**Sea kayaks**

**Surf kayaks**

**Whitewater**

**Wooden kayaks**

<table>
<thead>
<tr>
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<th>BT</th>
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<tbody>
<tr>
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<td>constructed with wooden materials</td>
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<td>RT</td>
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<td>Rotomold</td>
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</tr>
<tr>
<td></td>
<td>Skin on Frame</td>
<td></td>
</tr>
</tbody>
</table>
References


Appendix

The following bibliographic database entries describe resources that kayaking enthusiasts and researchers might search for. Included are existing sources in the following formats: book, article, website, photo, and video.

**Title:** Kayak: The New Frontier  
**Author:** Nealy, William  
**Publisher:** Menasha Ridge Press  
**Publication Date:** 2007  
**Abstract/description:** A graphic novel style manual of intermediate and advanced techniques used in whitewater kayaking.  
**Subject terms:** Paddling, Piloting, Whitewater, Whitewater kayaks,

**Title:** Good Health; Kayaking. (Magazine Desk)  
**Author:** Blakeslee, Sandra  
**Publisher:** The New York Times Magazine  
**Publication Date:** 24 Apr. 1994  
**URL:** http://find.galegroup.com.ezproxy2.library.drexel.edu/gtx/infomark.do?&contentSet=IAC-Documents&type=retrieve&tabID=T004&prodId=AONE&docId=A174427014&source=gale&srcprod=AONE&userGroupName=drexel_main&version=1.0  
**Abstract/description:** The author describes her experiences in learning how to kayak for health benefits.  
**Subject terms:** Kayaks, Navigation, Spray skirts, Recreational kayaks, Seas

**Title:** Ocean Kayaks  
**Publisher:** Johnson Outdoors Watercraft Inc.  
**Publication Date:** 2010  
**URL:** http://www.oceankayak.com/  
**Abstract/description:** A website devoted to ocean kayaks, focusing on kayaks manufactured by the Ocean Kayaks company. The website also offers information on kayaking basics, and how to choose a kayak.  
**Subject terms:** Kayak parts, Sea kayaks, Tandem kayaks, Seas

**Title:** Wooden Kayaks  
**URL:** http://www.flickr.com/photos/start/154150230/  
**Abstract/description:** A photo of two wooden kayaks taken in Victoria, BC.  
**Subject terms:** Tandem kayaks, Wooden kayaks

**Title:** How to Kayak: How to do a Forward Stroke while Kayaking  
**Author:** Cowie, Janet Burnett  
**Publisher:** www.kayaklesson.com  
**Publication Date:** October 24, 2008  
**URL:** http://www.youtube.com/watch?v=EZyWohPcER4  
**Abstract/description:** A video that teaches paddlers how to do a forward stroke.  
**Subject terms:** Forward strokes, Rivers, Whitewater kayaks
I certify that:

- This paper/project/exam is entirely my own work.
- I have not quoted the words of any other person from a printed source or a website without indicating what has been quoted and providing an appropriate citation.
- I have not submitted this paper / project to satisfy the requirements of any other course.

Name: _Carrie Moran_

Date: _______November 28, 2010__________