

# Product Life Cycle

## Recommended Databases

- Marshall Cavendish – How It Works

## Recommended Websites

- E-Notes – How Products are Made (Gale) - <http://www.enotes.com/how-products-about>
- How Stuff Works – [www.howstuffworks.com](http://www.howstuffworks.com)
- How Everyday Things Are Made - <http://manufacturing.stanford.edu/> (videos)
- How It's Made - <http://science.discovery.com/tv/how-its-made/>
- How Products are Made – Volume 1 [www.madehow.com/Volume-1/index.html](http://www.madehow.com/Volume-1/index.html)
- Wise Geek – [www.wisegeek.com](http://www.wisegeek.com) (look up a topic like “cell phone” and read responses such as “How Should I Dispose of My Old Cell Phone?”)

## Recommended Keywords / Search Terms

- Google “How are cell phones made,” etc.
- Try limiting with “site:.gov” to view government sites
- Use the keyword list below to broaden or narrow your search
- Truncate keywords like “refin%” to see “refine,” “refines,” “refinery,” “refining,” etc.
- In Google books, try searching “How are plastic bags made,” etc.

<b>Raising and Extraction</b>	<b>Processing</b>	<b>Manufacture</b>	<b>Use</b>	<b>Disposal</b>
<ul style="list-style-type: none"> <li>▪ Raw materials acquisition</li> <li>▪ Mining -ore</li> <li>▪ Natural Resources -trees -crude oil</li> </ul>	<ul style="list-style-type: none"> <li>▪ Refining</li> </ul>	<ul style="list-style-type: none"> <li>▪ Packaging</li> <li>▪ Distribution</li> <li>▪ Storage</li> <li>▪ Assembly</li> <li>▪ Energy flow</li> <li>▪ Energy expenditure</li> <li>▪ Shipping</li> <li>▪ Parts</li> <li>▪ Components</li> </ul>	<ul style="list-style-type: none"> <li>▪ Usage</li> <li>▪ Consumption</li> <li>▪ Maintenance</li> <li>▪ Repair</li> <li>▪ Useful Life</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reuse</li> <li>▪ Landfills</li> <li>▪ Incineration</li> <li>▪ Recycling</li> <li>▪ Waste</li> <li>▪ Reclaiming</li> </ul>