Name: _____ Date: _____ Class: _____

Idea Web Example

Must fit on right arm

Must cost less than $20

Must perform one function

Requirements

Characteristic: amputated right hand

Characteristic: likes to play baseball

Target Audience
amputee

Characteristic: 13 years old

Characteristic: female

Materials…

Time…

Constraints

Problem Statement
Design a prosthetic hand that can perform <u>one</u> function that can help improve the quality of life an amputee.

What do different prosthetics look like?

Questions we have…

What function do we want this prosthetic to perform?

What is the size of the amputee's arm?

Design Step 2: Research the Problem Activity – Idea Web Example
TeachEngineering – www.teachengineering.org