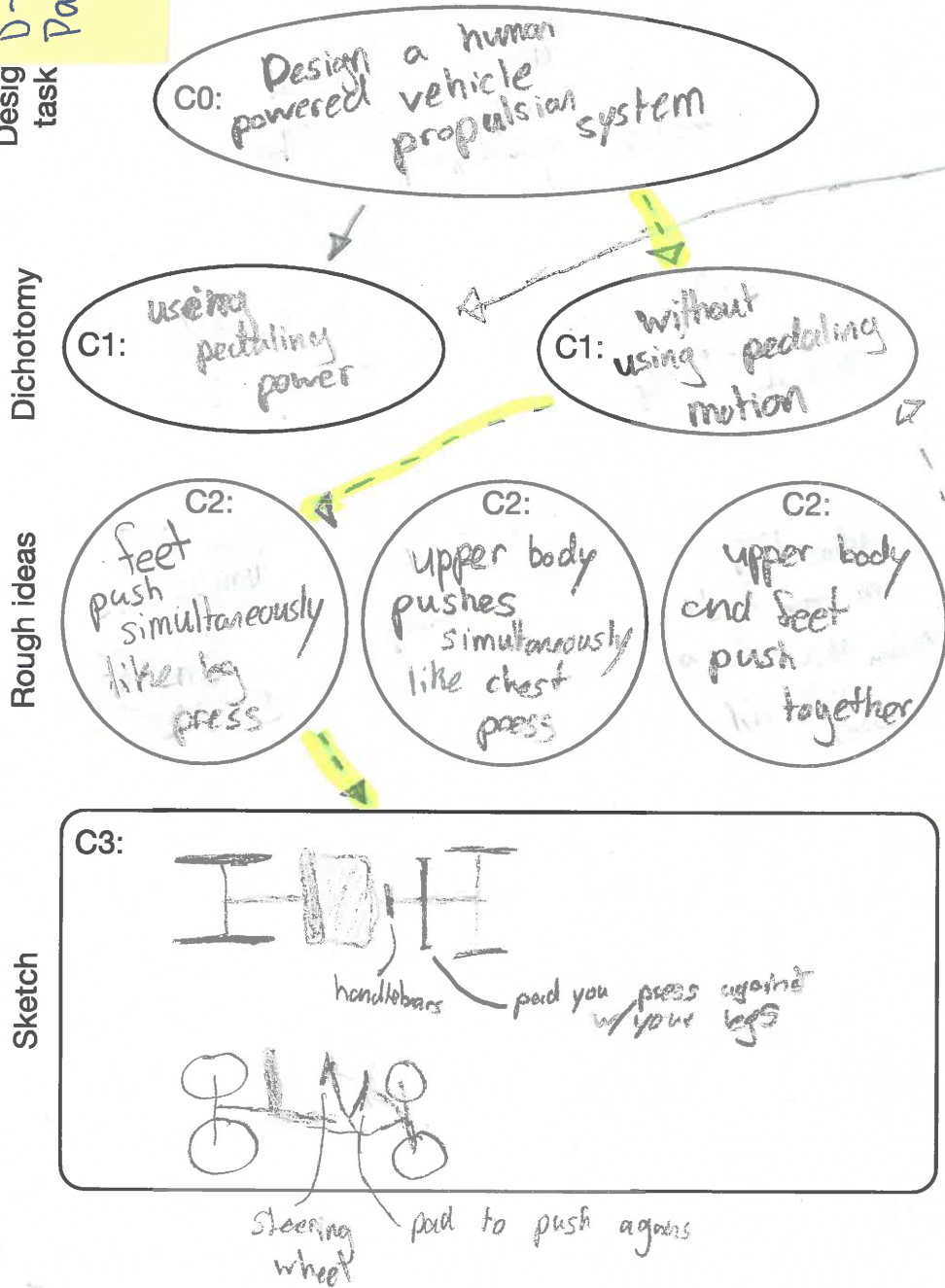


Concept Space



Knowledge Space

Traditional Knowledge

Existing Solution

Gears with a chain will produce propulsion when turned with a pedal.

- Activities/machines that cause sudden movements stemming from it's main supports? --- human legs, leg press, chest press, springs

Biology Knowledge

Biological system: N. Leopard Frog

Unexpected Property

Tendons of the N. Leopard Frog Store elastic energy and is released instantly to fly the frog forward

- N. Leopard Frogs use the stored energy in their tendons to extend their legs fast which converts their stored energy to kinetic energy