Work, Machines and Energy Learner Goals

I can define the following:

fulcrum	1st class lever
2nd class lever	3rd class lever
resistance force	resistance length
effort force	effort length
mechanical advantage	mechanical efficiency
work	wheel and axle
inclined plane	pulley
screw	wedge
Joule	Newton
power	watt
compound machines	SI

I can provide examples or explain the following:

How simple machines work
Why it is incorrect to say that machines make work easier
Calculate power, mechanical advantage, efficiency mathematically
Real-life examples of simple and compound machines
Identify and use appropriate science and engineering practices
Identify and use appropriate crosscutting concepts

I can do the following:

Calculate the MA of various machines
Build examples of simple machines
Keep a record of my learning in my science notebook
Complete all in-class and out-of-class activities