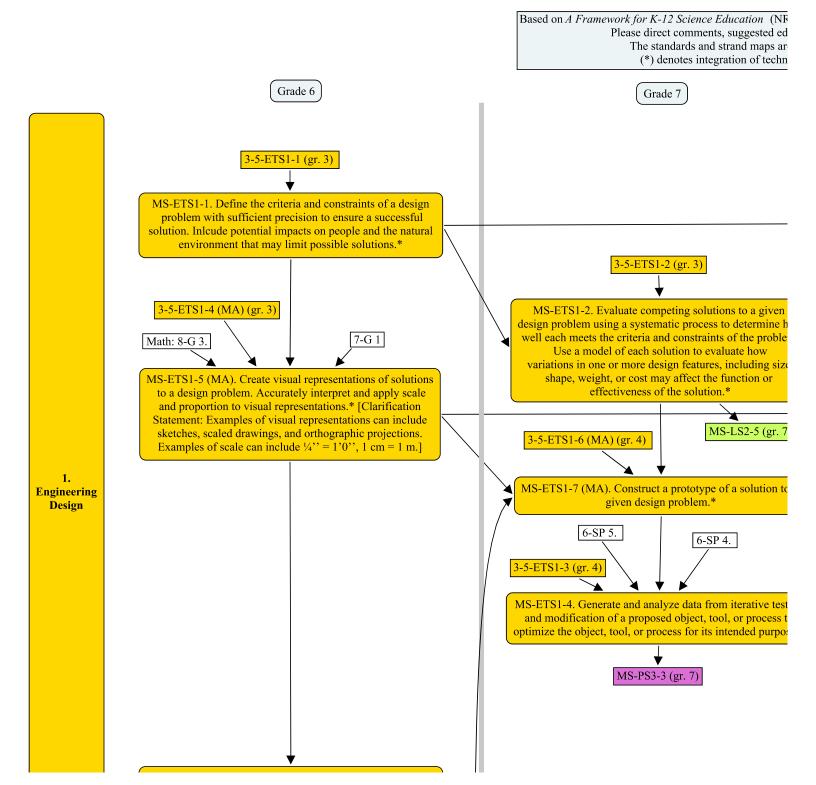
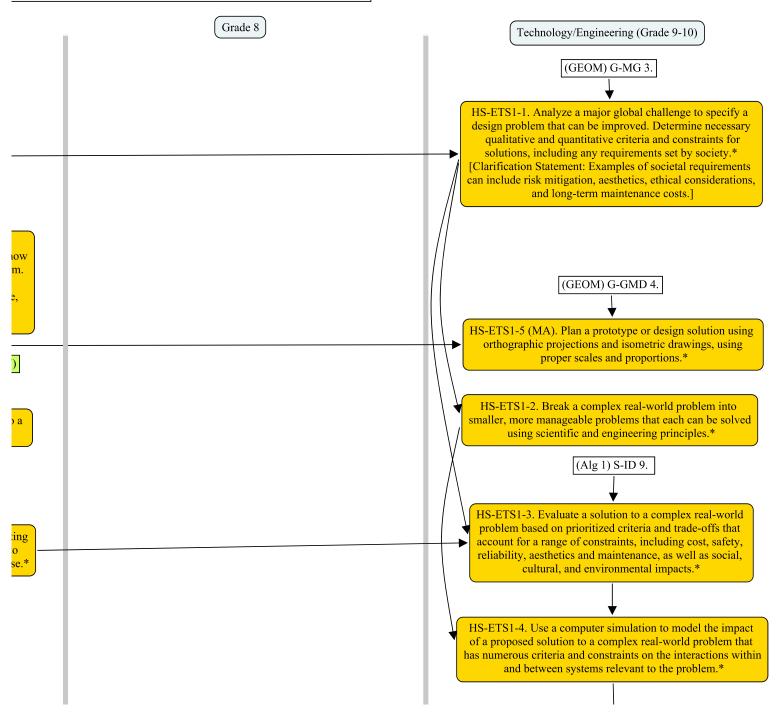
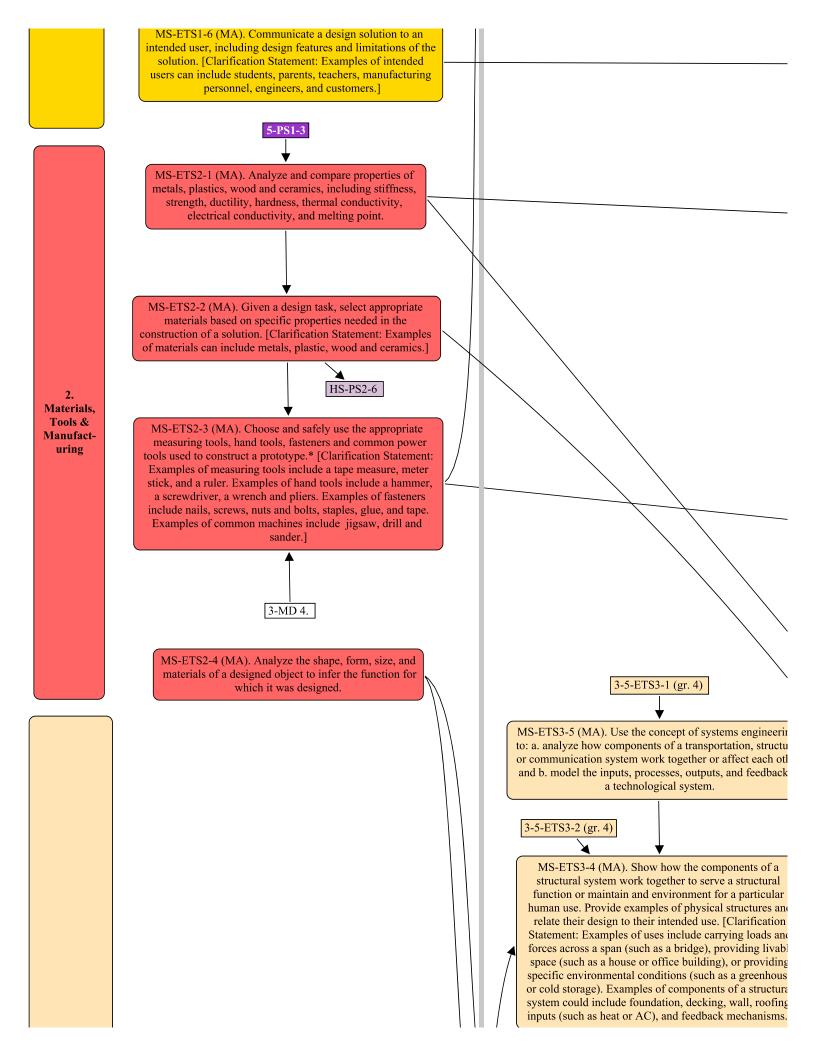
MA Draft Revised MS-HS Technology

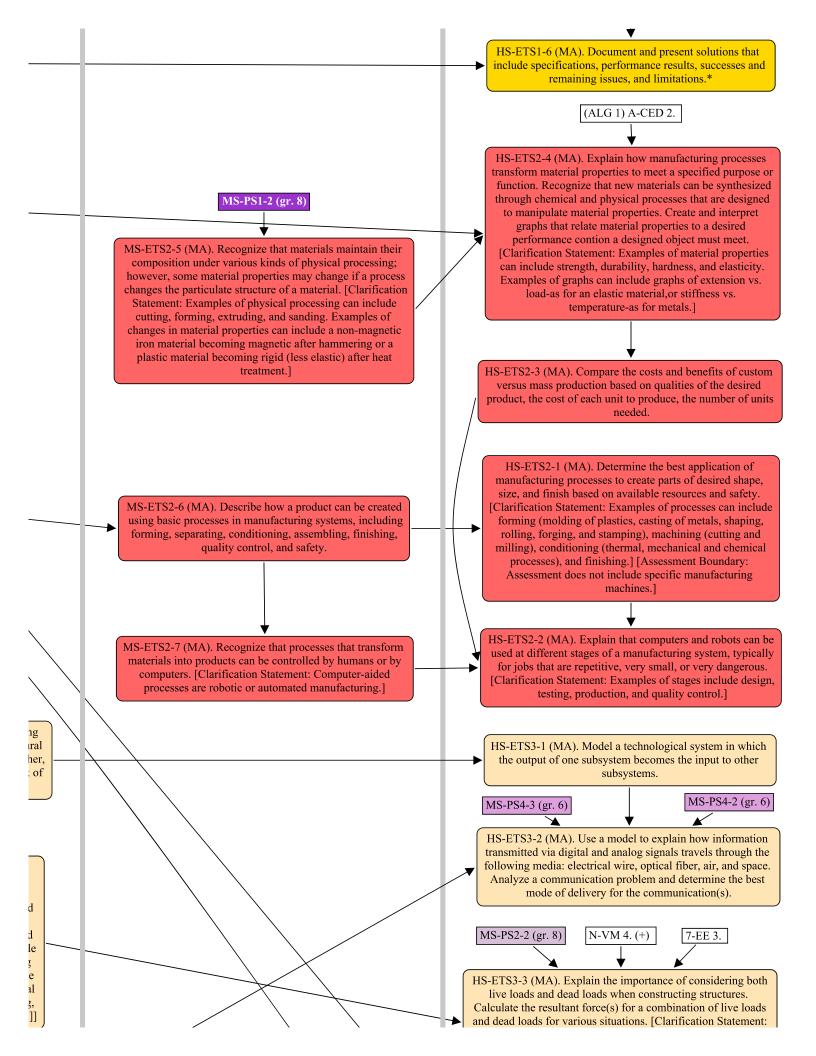


/Engineering Strand Map (12/20/13)

RC, 2012) and adapted from the *Next Generation Science Standards* (2013) lits, and questions to: mathsciencetech@doe.mass.edu. e available at: www.doe.mass.edu/stem/review.html ology/engineering through a practice or core idea.







3. Technological Systems

4.
Energy
&
Power
Technologies

MS-PS4-3 (gr. 6)

MS-ETS3-1 (MA). Explain the function of a communicat system and the role of its components, including a sourc encoder, transmitter, receiver, decoder, and storage.

MS-ETS3-2 (MA). Compare the benefits and drawbacks four different communication systems: radio, television print, and internet.

MS-ETS3-6 (MA). Research and communicate informatia about how transportation systems are designed to move people and goods using a variety of vehicles and devices Identify and describe subsystems of a transportation vehic including structural, propulsion, guidance, suspension at control subsystems. [Clarification Statement: Examples design elements include vehicle shape and cargo or passenger capacity, terminals, travel lanes, and communications/controls. Examples of vehicles can include a car, sailboat, and small airplane.

Massachusetts Department of Elementary and Secondary Education December 20, 2013

