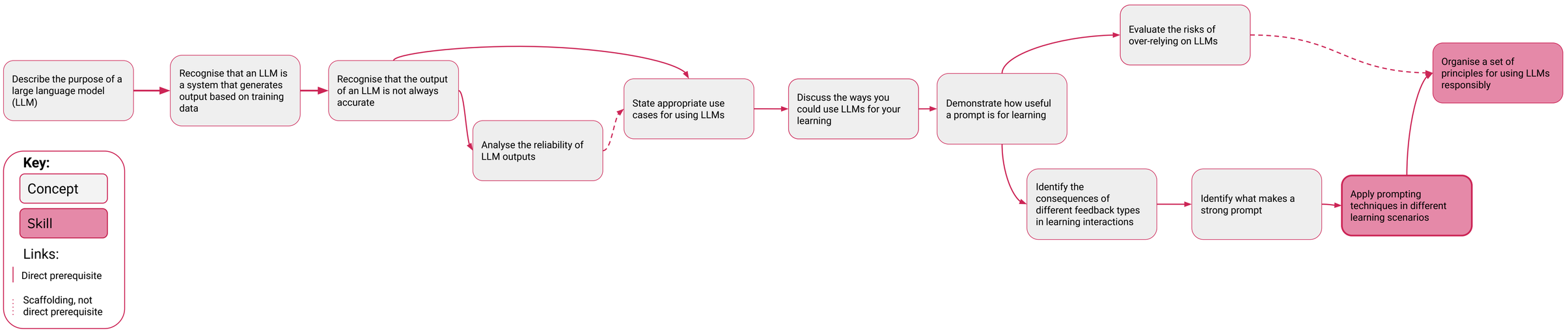
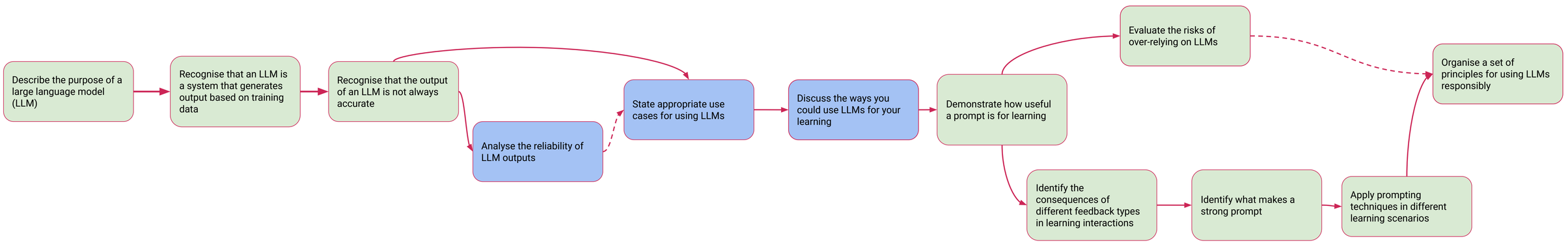
Concepts and skills



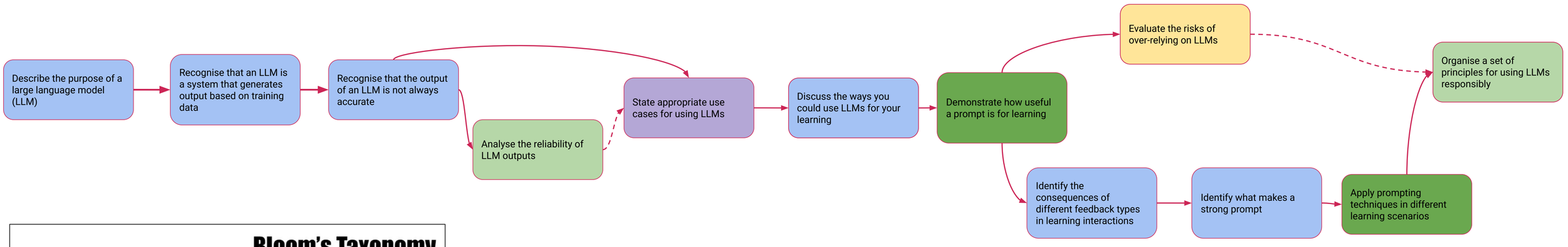
SEAME framework levels

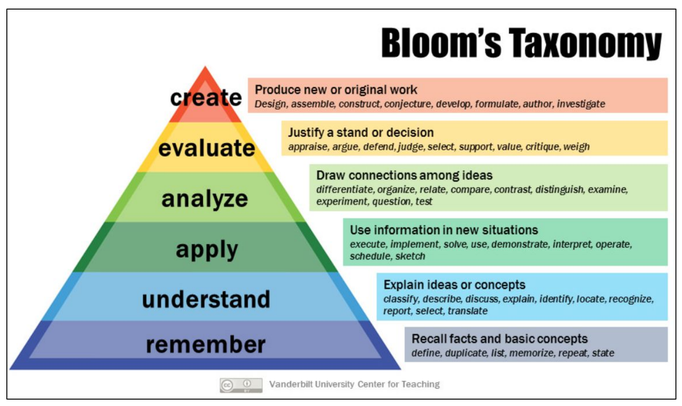


Social and Ethical considerations	e.g. knows about the idea of bias in machine learning (ML), understands that artificial intelligence (AI) is not magic and machines are not self-deterministic
Applications	e.g. knows some systems that include AI components, can design an application that includes ML image recognition
Models	e.g. can explore an ML model that was created by someone else, understands the process for selecting and cleaning data needed to train a simple ML model
Engines	e.g. can explain how a decision tree can be used to classify items, can explain in simple terms how a neuron works with relationship to learning about ML

The SEAME framework for learning and teaching AI and ML (a revised version of Waite & Curzon, 2018; see also rpf.io/blog-seame-framework

Bloom's Taxonomy





This resource is licensed by the Raspberry Pi Foundation under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International Public License (CC BY-NC-ND 4.0). For more information on this licence, see creativecommons.org/licenses/by-nc-nd/4.0. Co-developed by the Raspberry Pi Foundation and Google DeepMind.