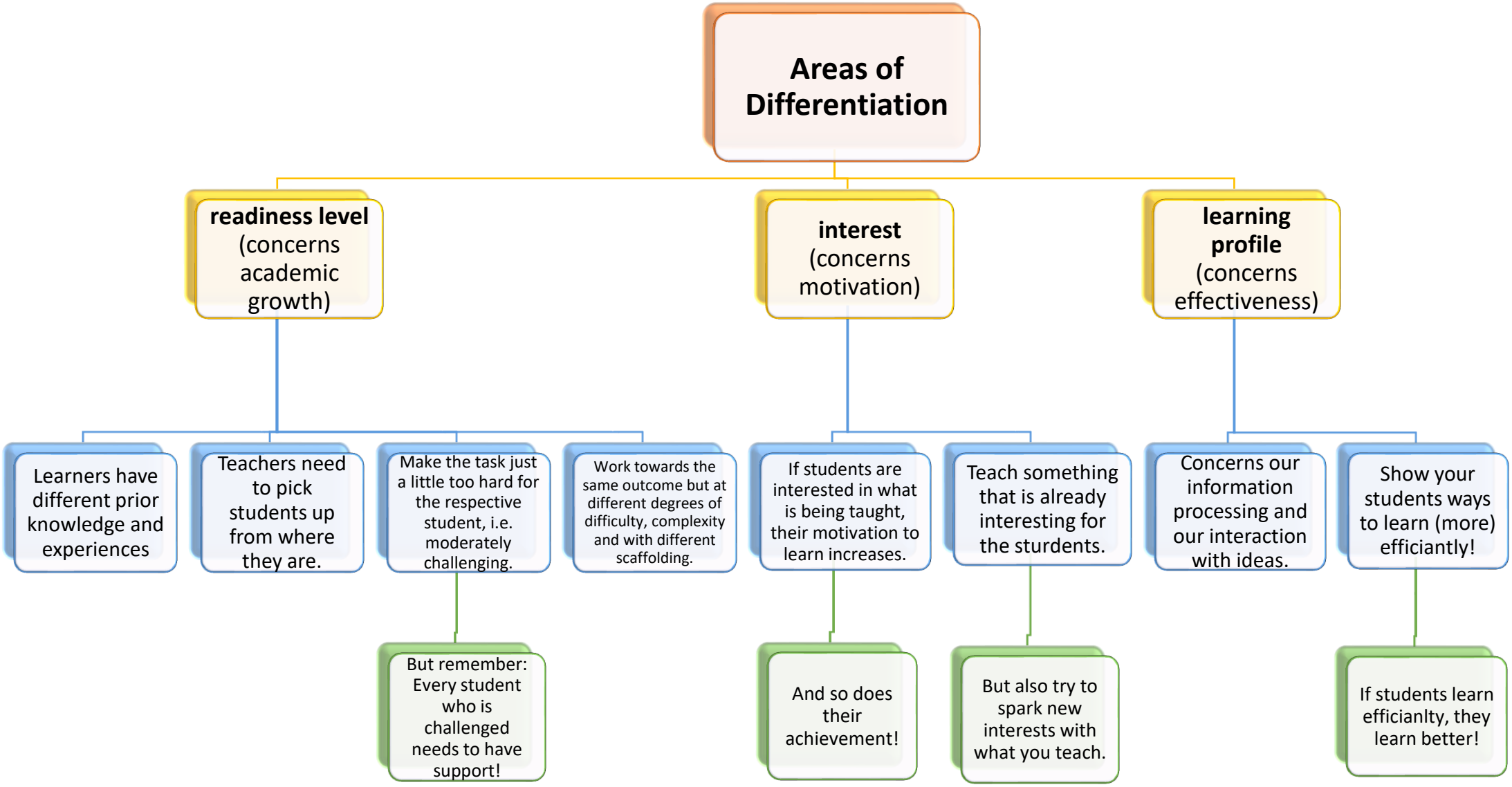The Tomlinson model of differentiation