

as the learner holds an alternative conception
of the topic deriving from some source,
such as their own intuitions about the world;
listening to folk-ideas that have social
currency;
or perhaps deriving from earlier teaching
(e.g., over-simplifications)

perhaps due to
how some aspect of language was
understood;
an unhelpful imaginative connection was
made with some irrelevant prior learning;
because of an over-realistic interpretation
of models, metaphors or analogies