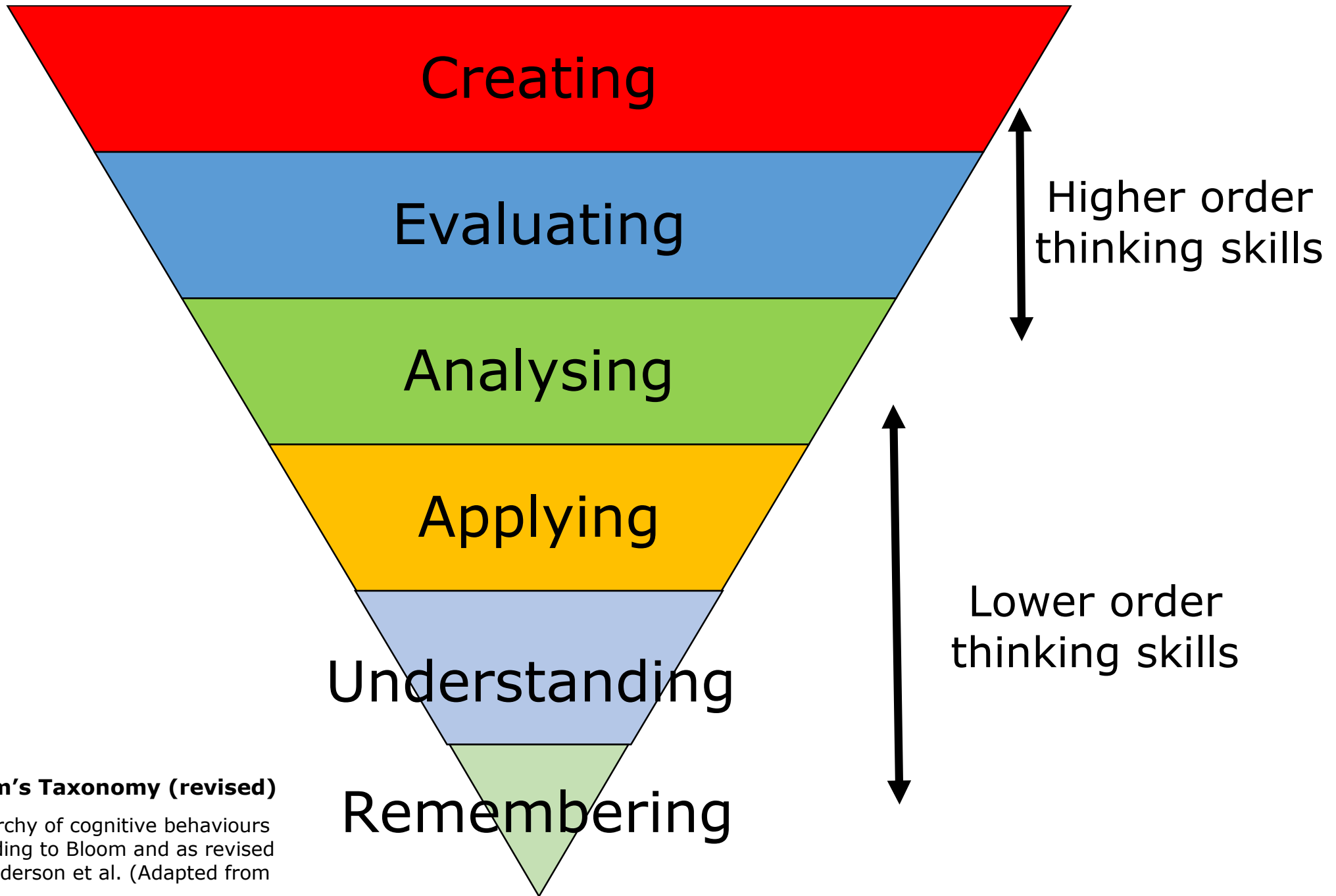# Ideas about science

Level	Description
Level 1 *Experiences*	I can partially retell the key science fact science.
Level 2 *Observation*	I can remember a key fact about a science concept.
Level 3 *Sort*	I can remember some of the key facts about a science and sort things into groups
Level 4 *Remember*	I can • remember some of the key facts about a science concept • describe what is happening simply
Level 5 *Define*	I can • apply most of the key facts and ideas about a science concept • use these to partially explain what is happening
Level 6 *Understand*	I can • choose the key facts about a science concept • use these ideas to explain what is happening
Level 7 *Compare and contrast*	I can • remember the key facts about a science concept • use these ideas to explain what is happening • show that I can apply these in new situations
Level 8 *Link*	I can • Elaborate the key facts about a science concept • Use ideas from several topics to explain what is happening • Apply these in new situations
Level 9 *Master*	I can make judgements on scientific ideas and views based on my previous learning and any information I have collected
Level 10 *Extend*	I can construct scientific ideas and views based on my previous learning and any information I have collected in detail

Literacy in Science

Level	Description
Level 1	I can recognise key words I can recognise drawings of scientific equipment
Level 2	I can copy key words into sentences
Level 3	I can • Recall key words • State what is happening in simple sentences
Level 4	I can • Choose and spell key words • use them correctly to describe what is happening in simple sentences
Level 5	I can • choose and spell most key words • use them correctly to partially explain why some things happen in simple sentences
Level 6	I can • use all of the appropriate scientific terminology • use it to explain why some things happen
Level 7	I can • use all appropriate scientific terminology to explain why some things happen in new situations
Level 8	I can • Use scientific terminology to explain whay some things happen in new situations • Link together ideas from different topics.
Level 9	I can critically evaluate scientific ideas and views with evidence using the correct terminology from several topics.
Level 10	I can develop scientific ideas and views with evidence using the correct scientific terminology from several topics in detail

Creating

Evaluating

Analysing

Applying

Understanding

Remembering

Higher order thinking skills

Lower order thinking skills

Bloom's Taxonomy (revised)

Hierarchy of cognitive behaviours according to Bloom and as revised by Anderson et al. (Adapted from Schultz L.)