(Draft 16 Feb, 2016 for your feedback) Investigating Framework Creative Commons 3.0 Developing students' skills for investigating, discovering, researching, problem solving and critical thinking. iting ed Investigating Unbounded Investigating ??? ? U iate the Students determine the and this is guidelines for the investigation e educator to... that are in accord with discipline or context to ...

			Spectrum of Students' Autonomy when Investiga					
Subject knowledge from teachers to students.	kno the fac	that is the connection between the bouledge you direct students to and Discovery Learning that you ilitate? Discovery learning skills are II developed in content-rich contents.	Prescribed Investigating A	Bounded Investigating A Boundaries set by and limited directions from educator channel investigating, when students	Scaffolded Investigating A? Scaffolds placed by educator shape independent investigating, when students	Open-ende ? Students initi investigation guided by the		
Students: Watch Listen View Absorb Copy Recite Follow Look Write-down		Embark & Clarify What is my purpose? Ask questions, define problems, set aim or decide on purpose, heeding ethical, cultural, social and team (ECST) considerations.						
Take-down Imitate Mimic Replicate Will this knowledge be	F a c e t	Find & Generate What information do I need? Find and generate needed information/data using appropriate methodology.						
memorised by students, repeated in instruction or provided on paper or in a weblink?	s o f	Evaluate & Reflect How trustworthy are my information, data and processes? Determine credibility of sources, information & data generated. Reflect on processes used.						
If memorised by students, when is the optimum time and process for this learning? How well and	D i s c	Organise & Manage Harmon How will I organize & what will I manage? Organise information and data to reveal patterns and themes, and manage teams and research processes.						
for how long will this knowledge be retained? What content knowledge will help, and what content	O V e r y	Analyse & Synthesise What does it mean? Analyse information/data critically and synthesise new knowledge to produce coherent individual/team understandings.						
knowledge will hinder, students' active cognitive and affective engagement with discovery?		Communicate & Apply What communication aids my investigation? What is important for each audience? Discuss and write processes, respond to feedback, and present ethically understandings and applications.						

if?

ACE is often dependent on subject knowledge input and or interactions on processes. Less so in Kindergarten where learning by playing may havecertain limits, such as fences, equipment set out but children often work open ended

UCE	Prescribed	Bounded	Scaffolded	Open-ended	Unbounded			
Direct instruction								
					Discovery Learning			
	POGIL							
		TBL						
IBL, CBL, PBL, etc nebulous terms								
A Culture of Inquiry								

More so when have knowledge and processes are vitl to achieve any substantial outcome eg Year 10 genetics.

Unkown is not bad, esp if gives way soon to ACE and so in knowable by educators.

