

Developing **yourself** through reflective practice

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Caring Expert Quality

A thick blue wavy line that spans the width of the slide, starting at a medium height on the left, dipping into a shallow valley in the center, and then rising to a higher peak on the right.

What is Knowledge?

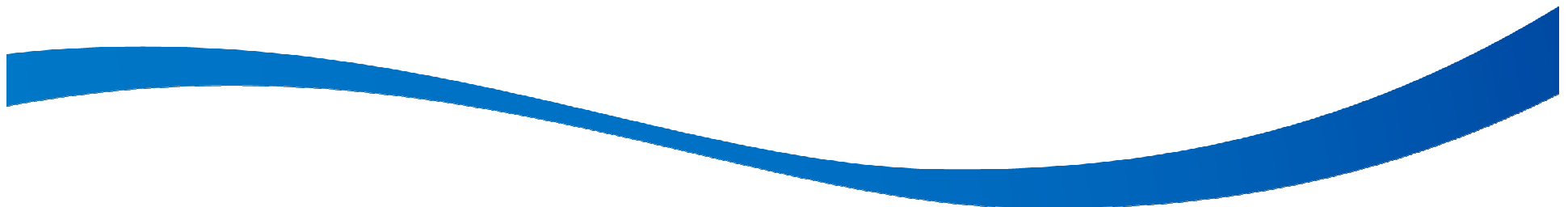
Knowledge

1. expertise, and skills acquired by a person through experience or education; the theoretical or practical understanding of a subject,
2. what is known in a particular field or in total; facts and information
3. awareness or familiarity gained by experience of a fact or situation.




Nessun Dorma

- Sung by Pavarotti
- Became the theme for the football World Cup
- A song all about love
- From the opera *Turandot* by Puccini



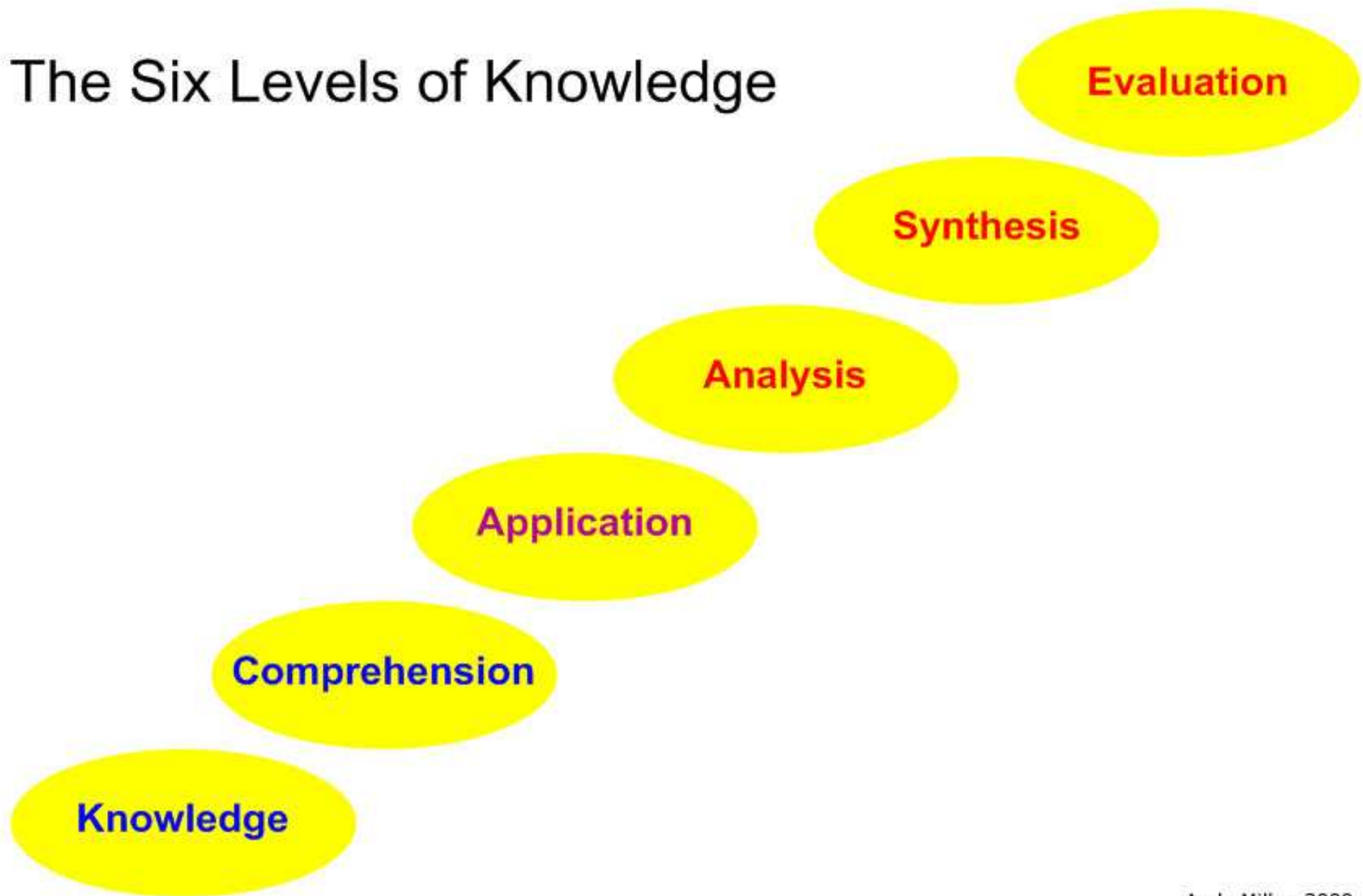
Princess Turandot

- Gives anybody wanting to marry her three riddles
 - If they get one wrong she chops their head off
 - She's killed 16 men already
 - This one got them right but said "If you find out my name by morning then you can have my head"
 - Turandot is now torturing and killing her way across Peking to find out his name
 - Tortures one of his only two friends so badly that she commits suicide rather than gives up his name
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We now “know” Nessun Dorma but
“know more” or “know differently”

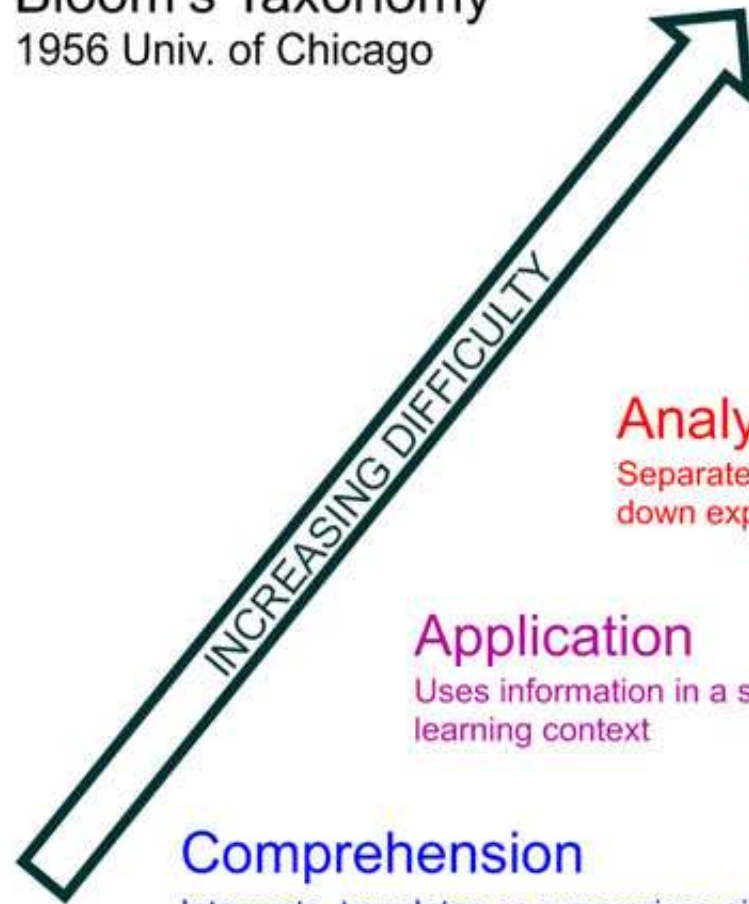
There are different **levels** of
knowledge

The Six Levels of Knowledge



Bloom's Taxonomy

1956 Univ. of Chicago



Evaluation

Involves acts of decision making, or judging based on criteria or rationale - makes judgements about

Synthesis

Combines elements to form new entity from the original one - draws on experience and other evidence to suggest new insights

Analysis

Separates wholes into parts until relationships are clear – breaks down experiences

Application

Uses information in a situation different from original learning context

Comprehension

Interprets, translates or summarises given information - demonstrating understanding of events

Knowledge

Recognition and recall of information - describing events

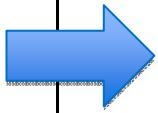

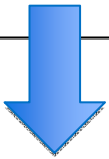
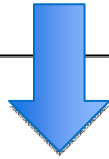
2. Bloom's Taxonomy (1956)

Comments in *italics* are our own brief explanations of the differences between the six levels of the taxonomy. The list of verbs here is not exhaustive, and some appear under more than one heading.

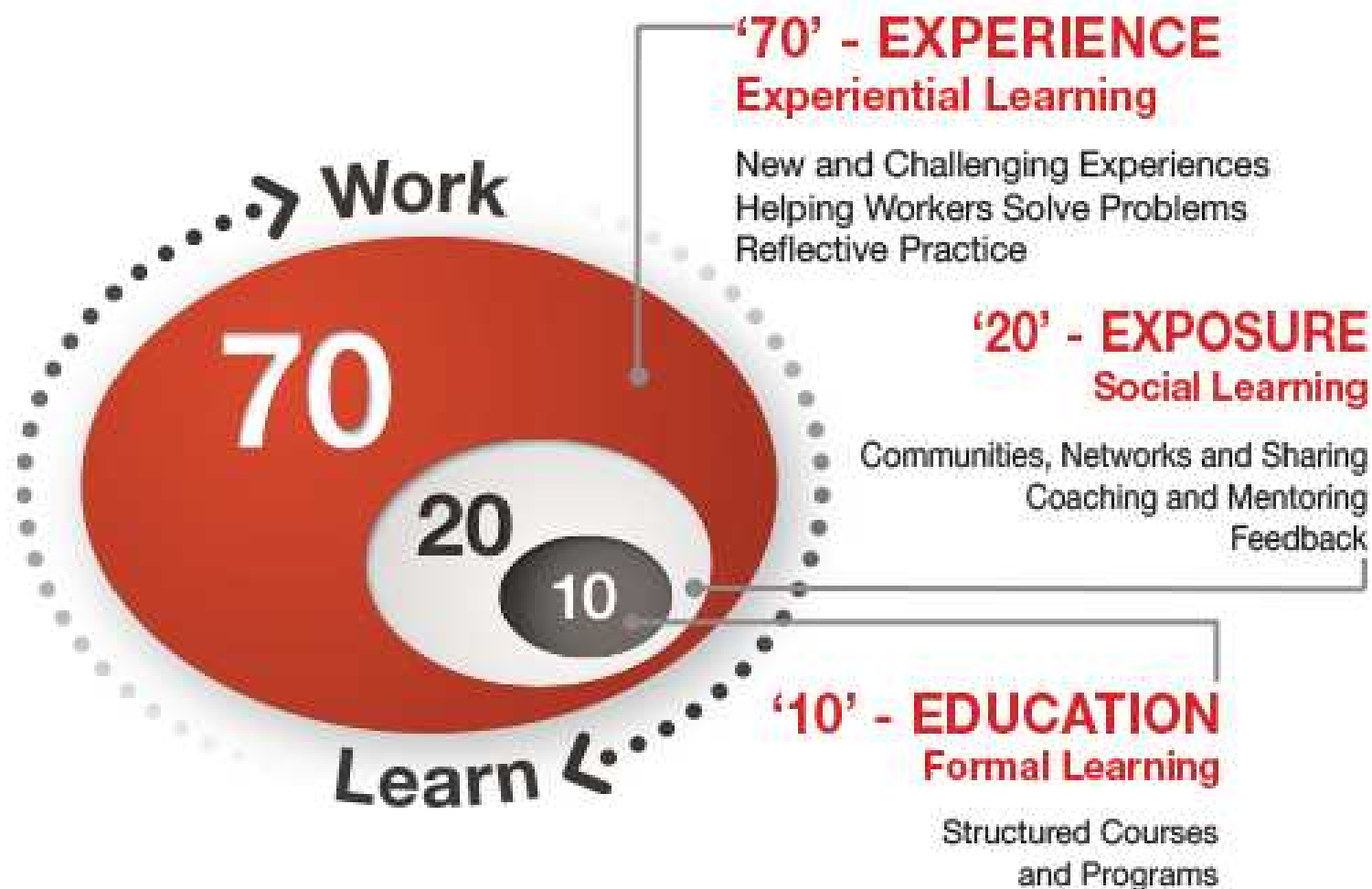
<i>Knowledge and understanding</i>		<i>Intellectual skills</i>			
Knowledge <i>Recalling important information</i>	Comprehension <i>Explaining important information</i>	Application <i>Solving closed-ended problems</i>	Analysis <i>Solving open-ended problems</i>	Synthesis <i>Creating 'unique' answers to problems</i>	Evaluation <i>Making critical judgments based on a sound knowledge base</i>
define	translate	interpret	distinguish	compose	
repeat	restate	apply	analyse	plan	
record	discuss	employ	differentiate	propose	judge
list	describe	use	appraise	design	appraise
recall	recognize	demonstrate	calculate	formulate	evaluate
name	explain	dramatize	experiment	arrange	rate
relate	identify	practise	test	assemble	compare
underline	express	illustrate	compare	collect	revise
	locate	operate	contrast	construct	assess
	report	schedule	criticize	create	estimate
	review	sketch	diagram	set up	
	tell		inspect	organize	
			debate	manage	
			question	prepare	
			relate		
			solve		
			examine		
			categorize		

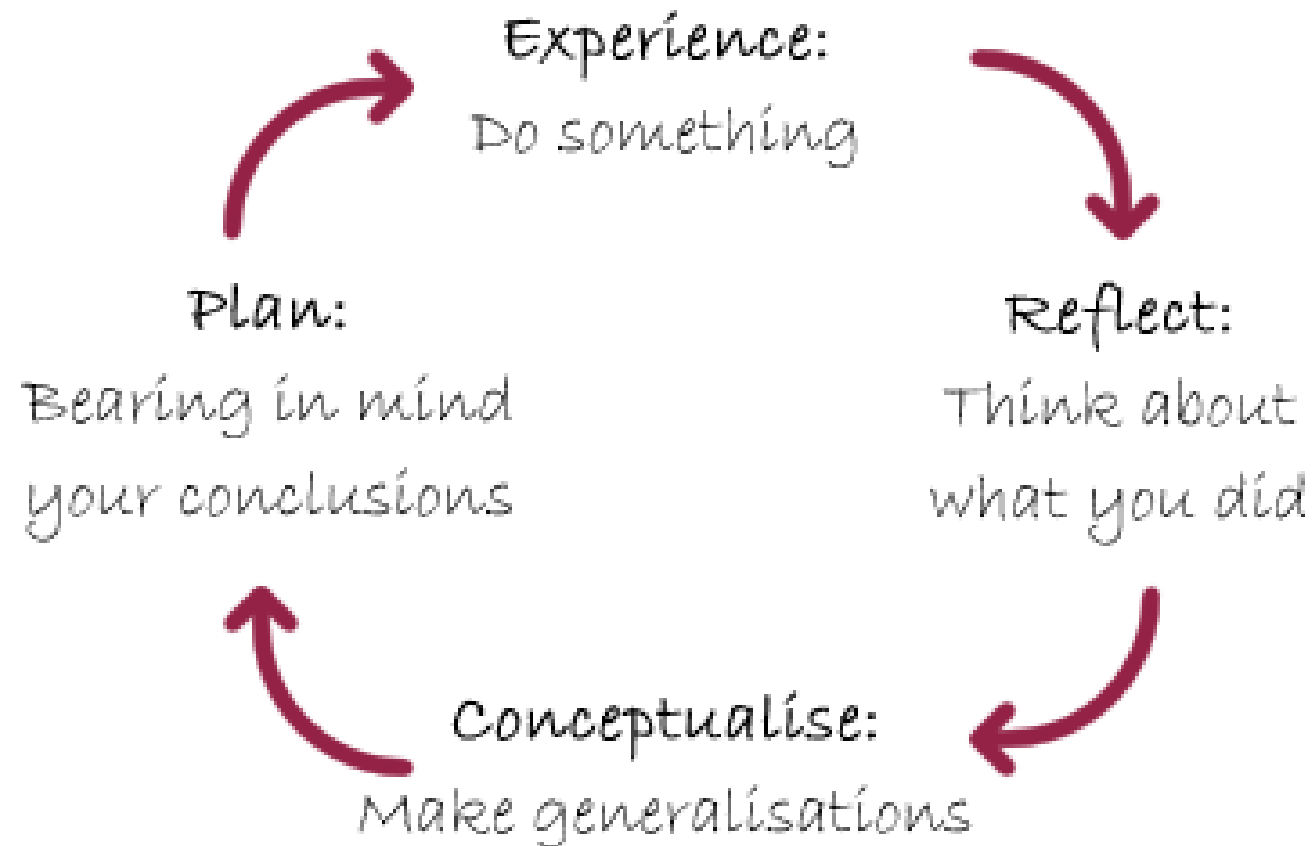
**The same goes for your personal
skills!**

Personal Effectiveness – People Skills Matrix

	DO IT RIGHT (remember & understand)	DO IT BETTER (apply & analyse)	DO BETTER THINGS (evaluate & create)
SELF SKILLS	<p>Self Knowledge Self Awareness Self Acceptance</p>  		
TEAM SKILLS			
ORGANISATION			

How we *actually* learn



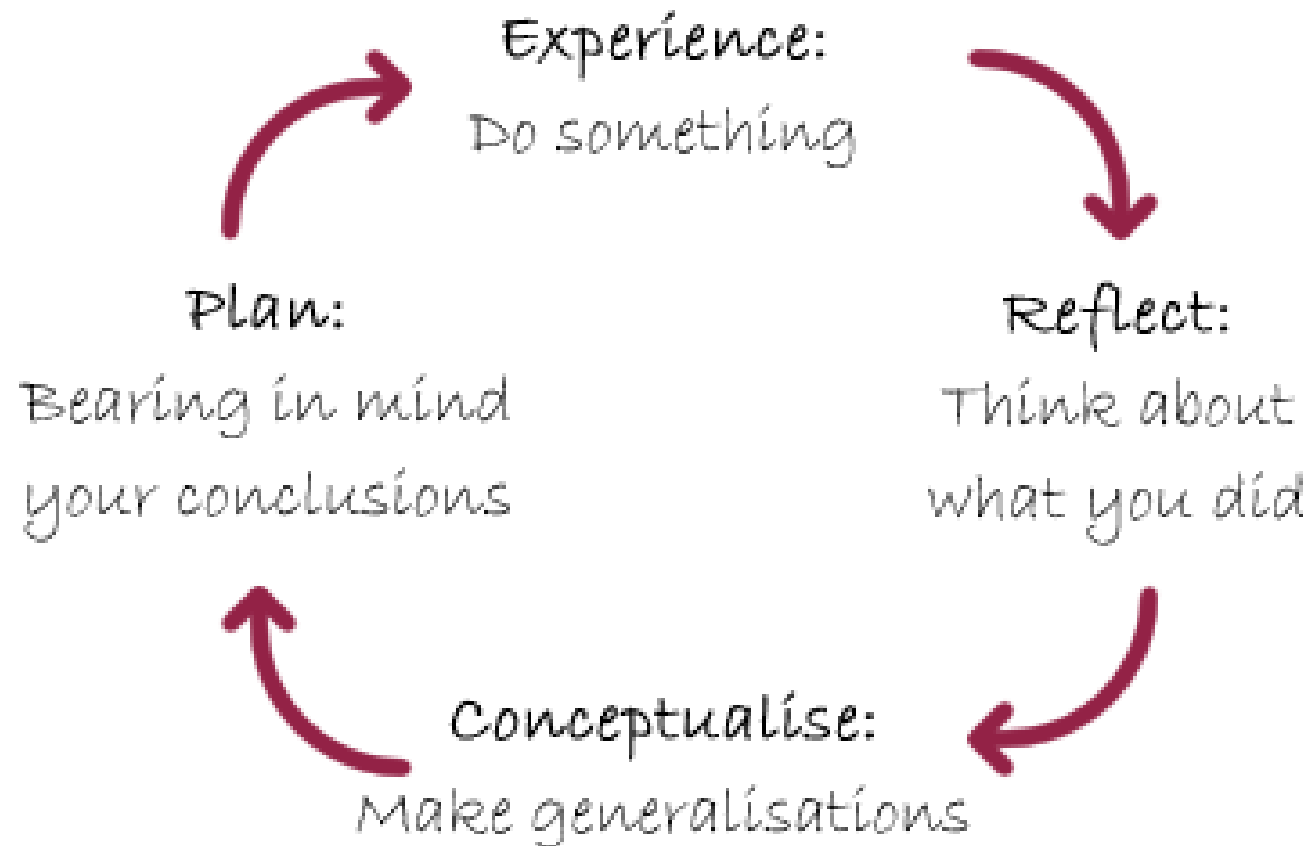


Experience without learning

- Repeat errors
- We will continue to repeat those errors until we learn not to
- For EVER!

- The “learning” part comes from reflection
 - We have **evaluated** what happened (reflect)
 - We alter our practice accordingly (conceptualise + plan)
 - We test our new hypothesis in the real world (apply + experience)





We do it all of the time!

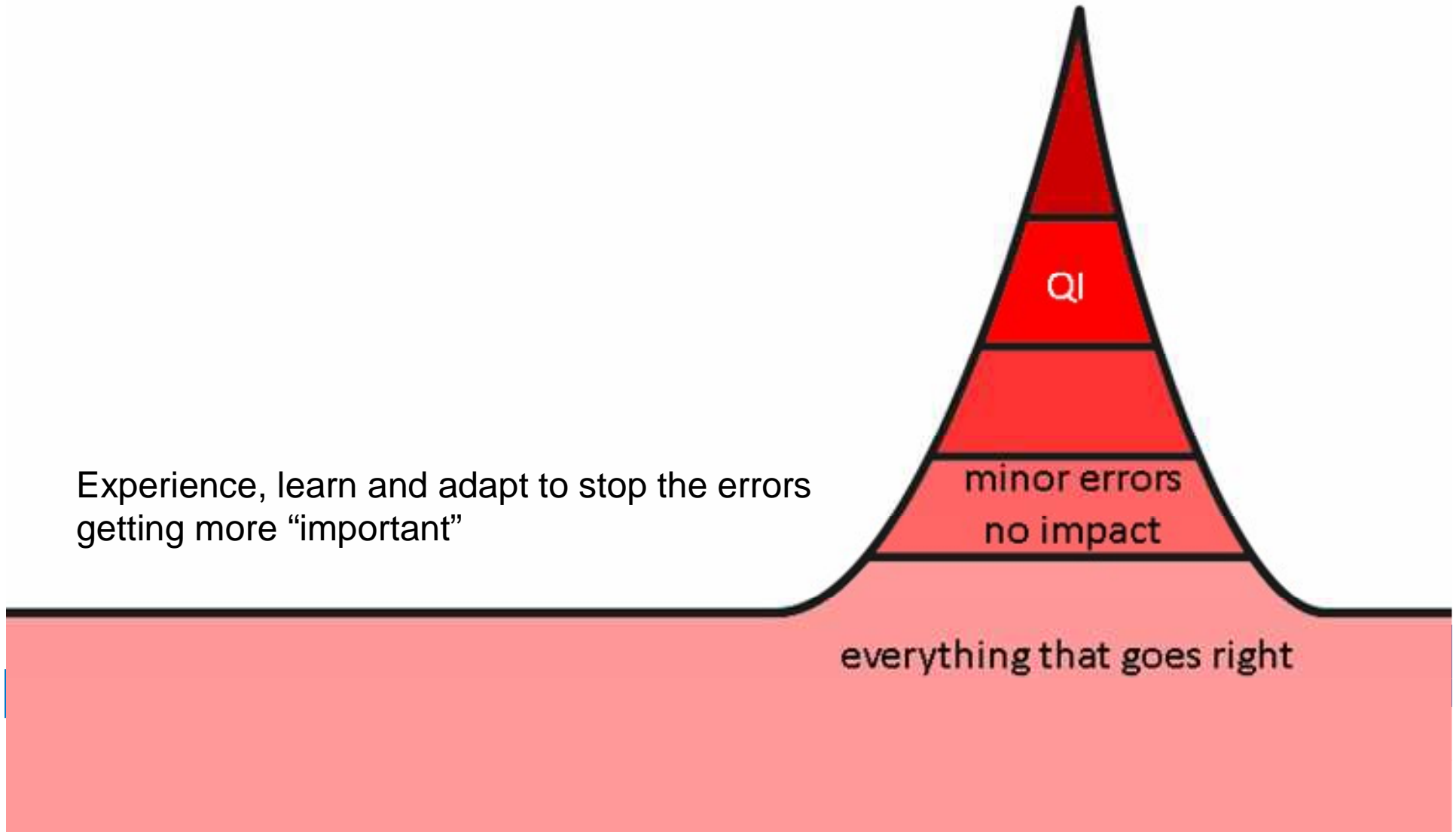
Errors

Experience, learn and adapt to stop the errors getting more “important”

QI

minor errors
no impact

everything that goes right





Our knowledge of a new subject

(next slide)

A 

We learn our first facts