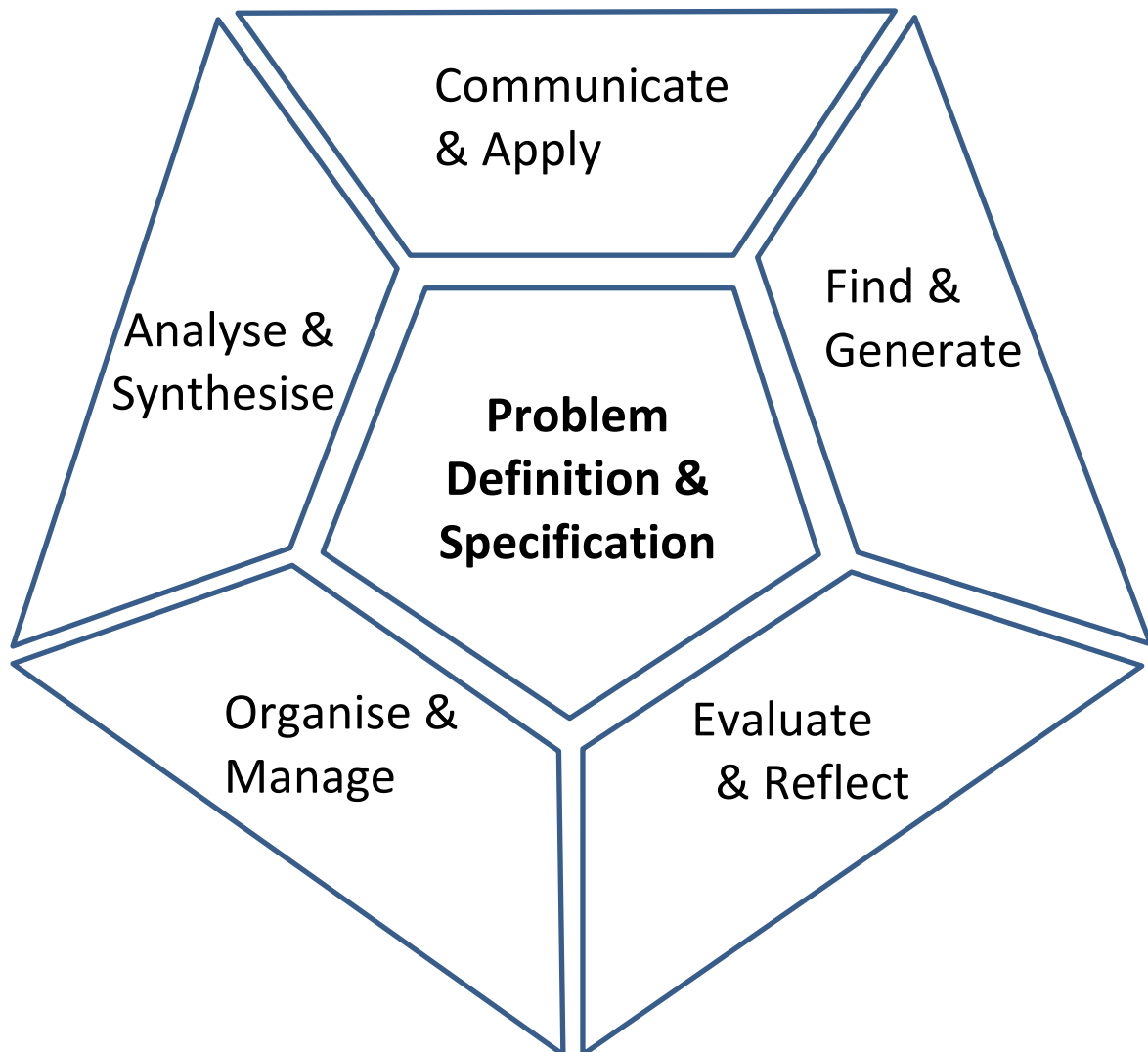


Optimising Problem Solving (RSD) pentagon

When in doubt, return to the centre



RSD pentagon is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) pentagon designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

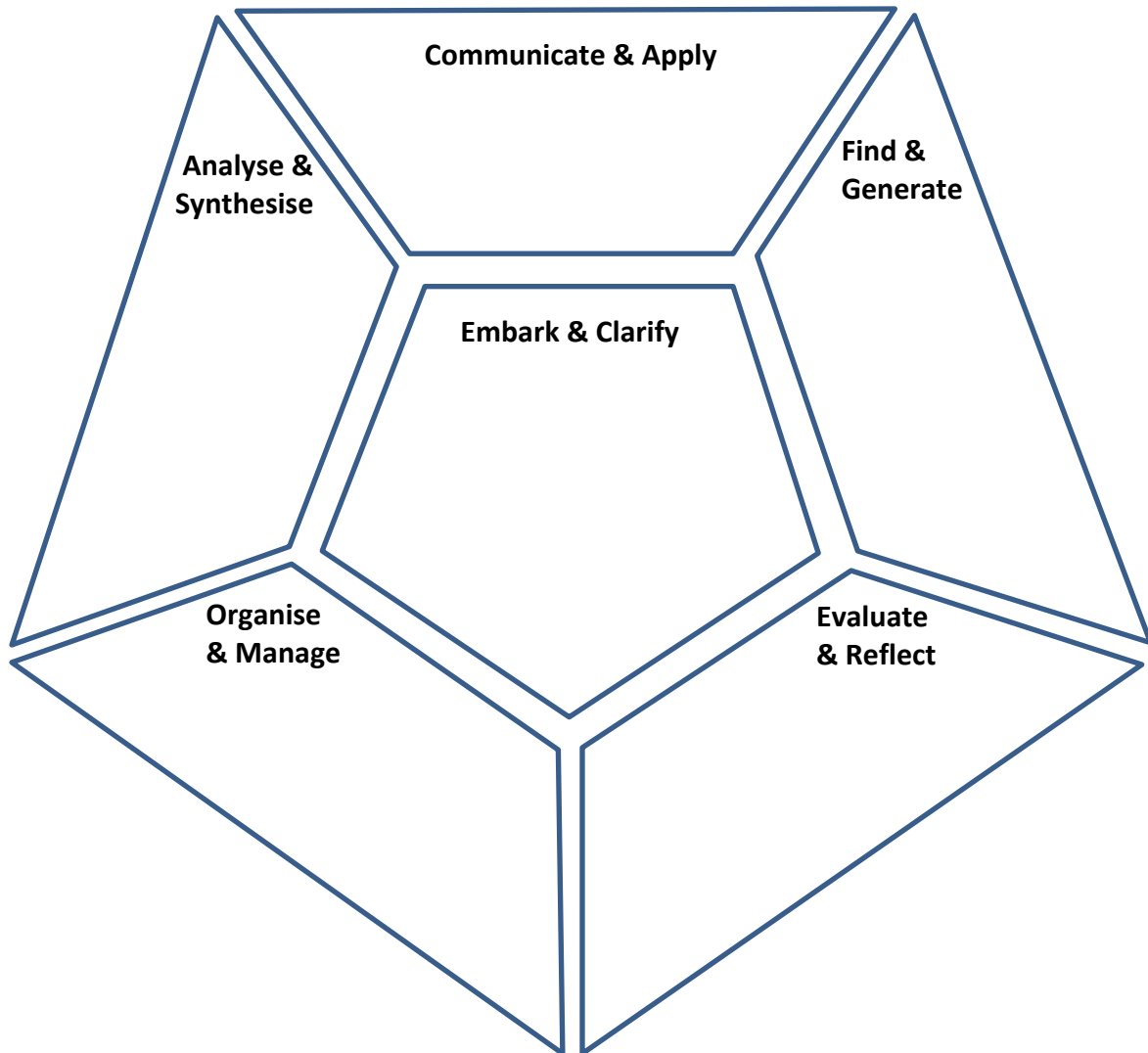
See www.rsd.edu.au for full version of RSD

See <http://www.adelaide.edu.au/rsd/framework/frameworks/> for OPS

john.willison@adelaide.edu.au

Research Skill Development (RSD) pentagon

When in doubt, return to the centre



The RSD pentagon is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) pentagon designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

See www.rsd.edu.au for full version of RSD

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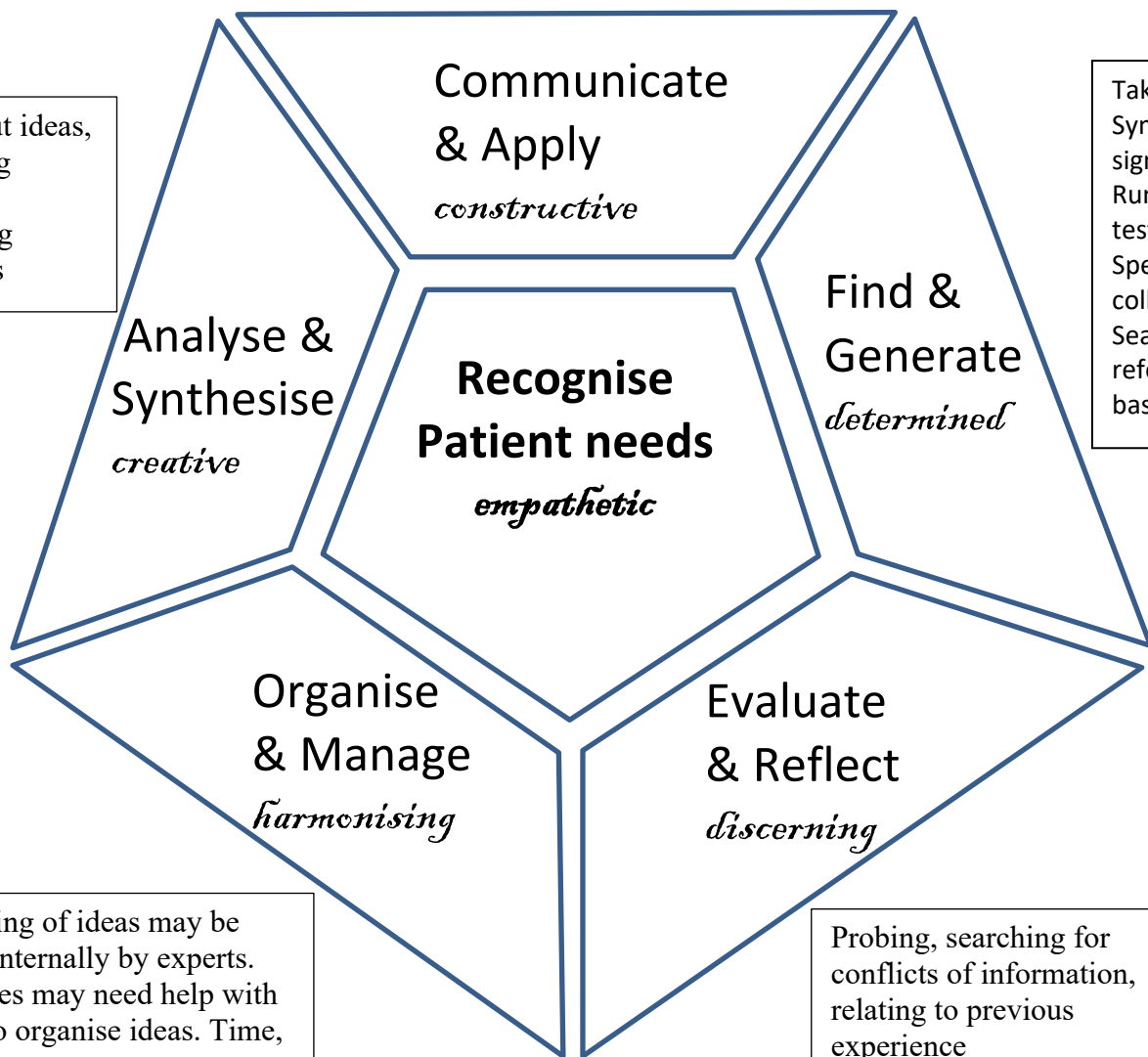
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Clinical Reasoning Skills (CRS) pentagon

When in doubt, return to the centre

Process: Introduce, rapport, active listening, tone, questions, reassurance, patient autonomy, beneficence

Product: treatment as negotiated, instructions, warnings, consequences, informed consent,



Teasing out ideas, recognising trends, formulating hypotheses

Take history
Symptoms and signs
Run diagnostic tests
Speak to colleagues
Search references, data bases.

Ordering of ideas may be done internally by experts. Novices may need help with how to organise ideas. Time, equipment management.

Probing, searching for conflicts of information, relating to previous experience

CRS is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) framework designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

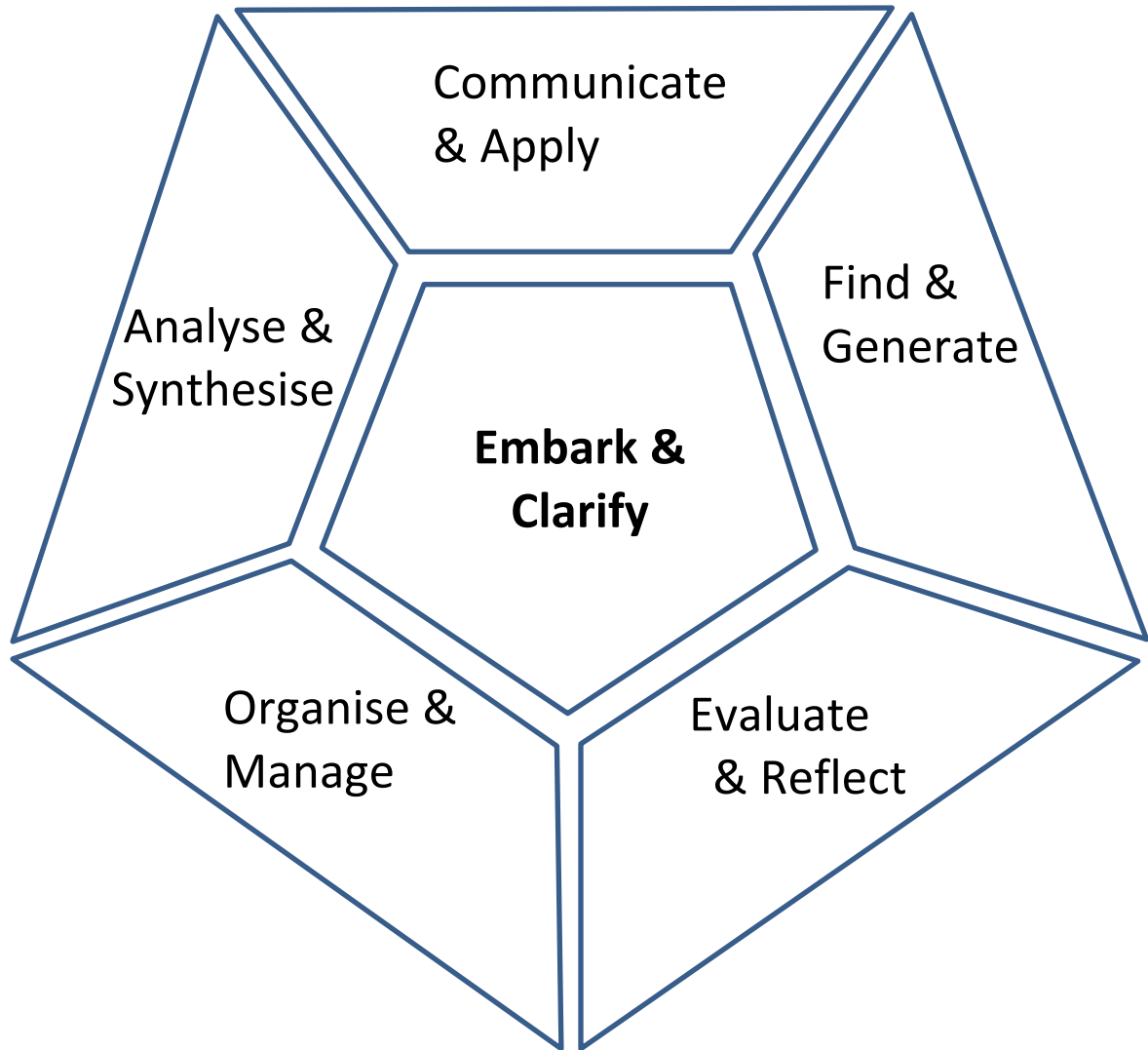
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Active Cognitive Engagement (ACE) pentagon

When in doubt, return to the centre



ACE is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) framework designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

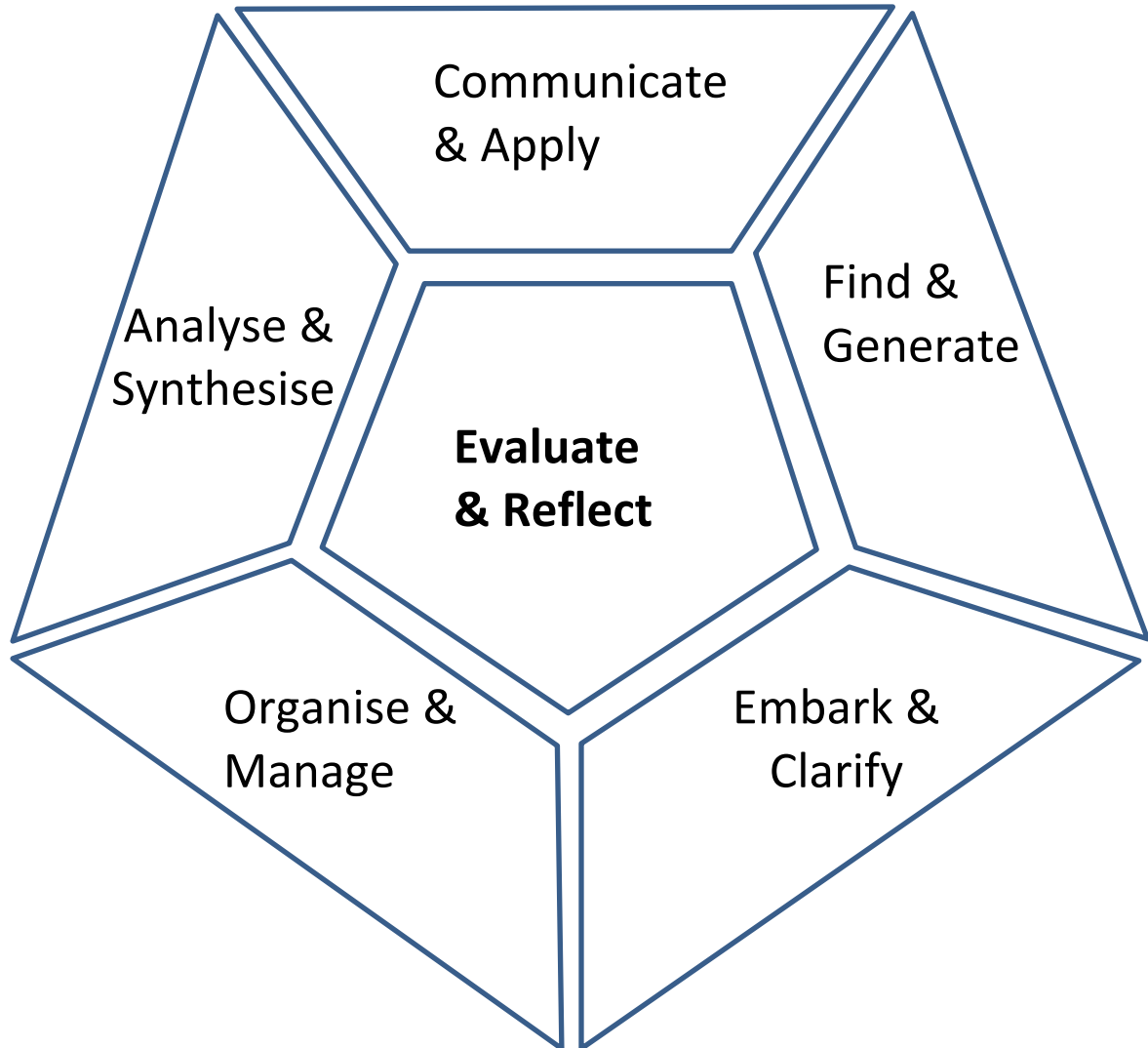
See www.rsd.edu.au for full version of RSD

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Critical Thinking Development (CTD) pentagon

When in doubt, return to the centre



CTD is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) framework designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

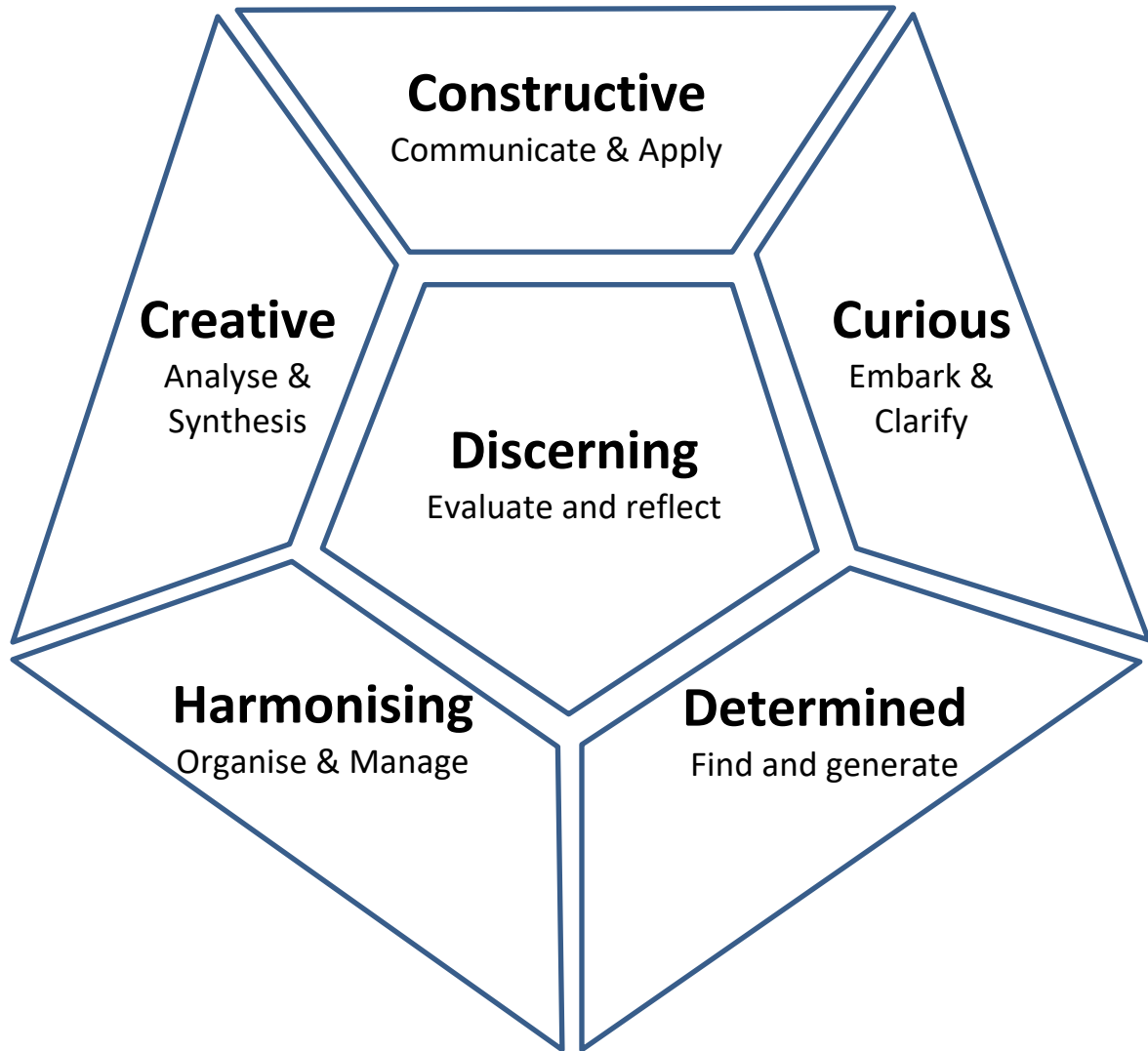
See www.rsd.edu.au for full version of RSD

See <http://www.adelaide.edu.au/rsd/framework/frameworks/> for OPS

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Critical Thinking Motivators (CTM) pentagon

When in doubt, return to the centre



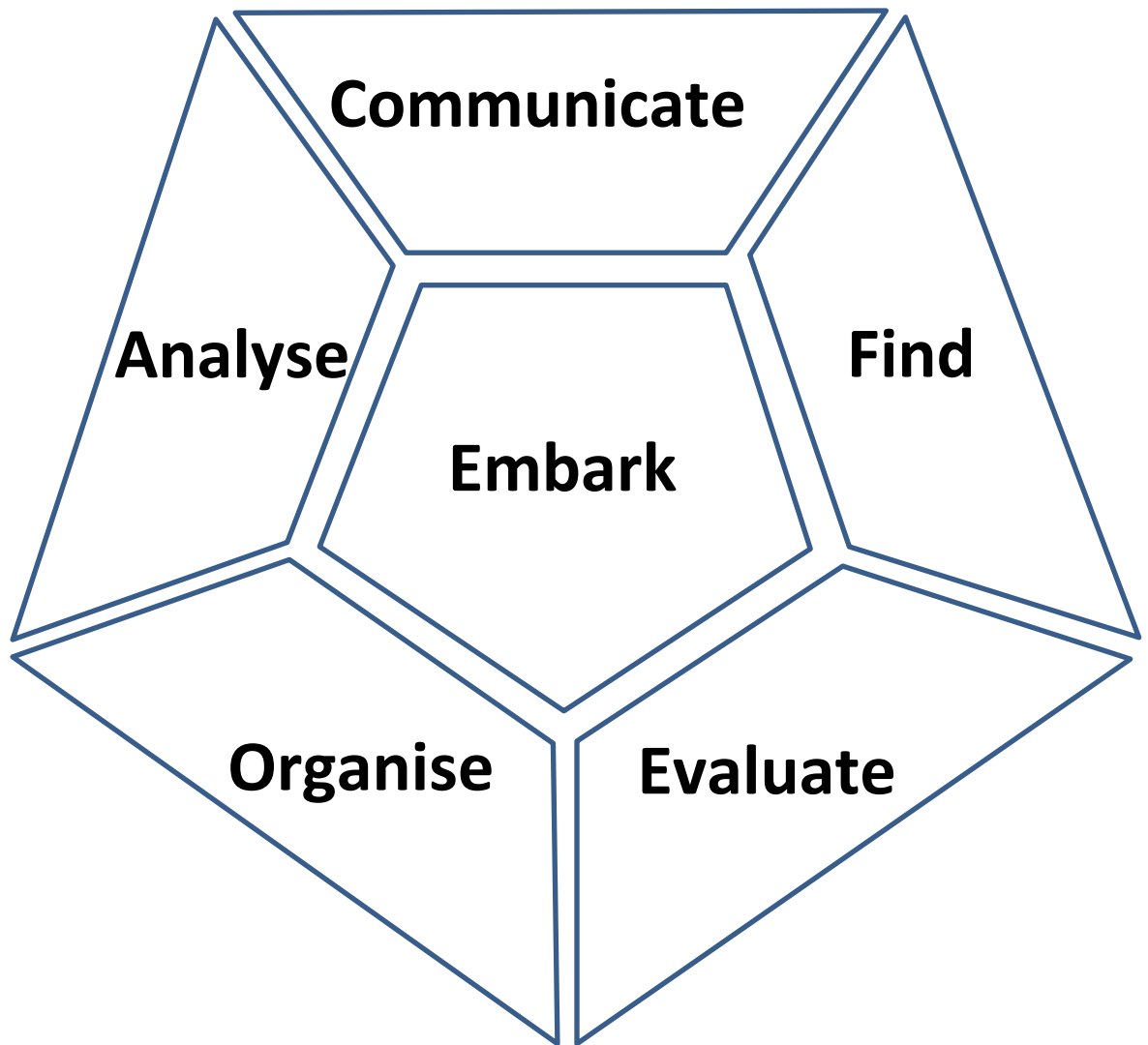
CTD is based on the six facets of the RSD as modified for Optimising Problem Solving (OPS) framework designed by Mechanical Engineering Communications Tutors, University of Adelaide, 2014.

See www.rsd.edu.au for full version of RSD

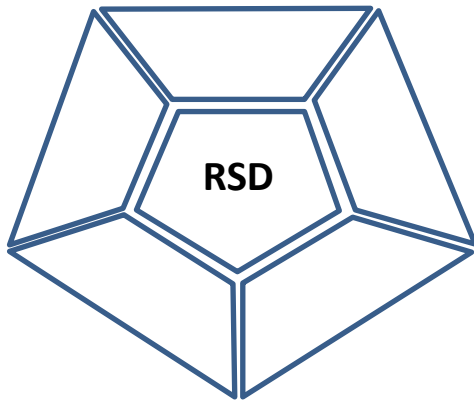
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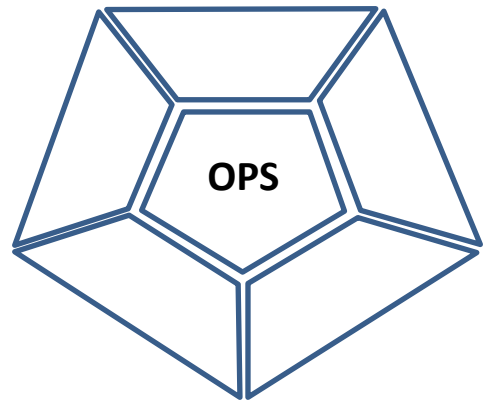
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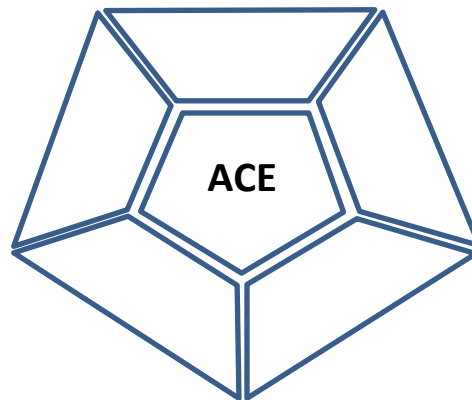
Research Skill Development



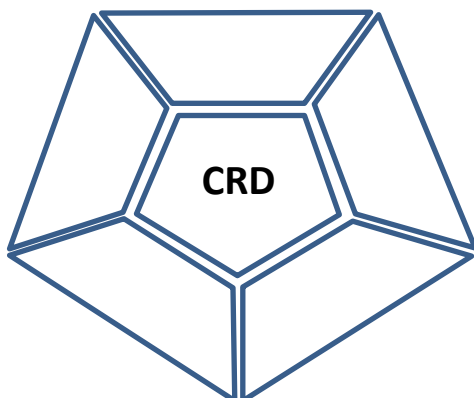
Optimising Problem Solving



Active Cognitive Engagement



Clinical Reasoning Development



Critical Thinking Development

