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THE MATHEMATICAL  
ASSOCIATION OF VICTORIA

# Finding clarity

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# Warm up

## The Product Game

1	2	3	4	5	6
7	8	9	10	12	14
15	16	18	20	21	24
25	27	28	30	32	35
36	40	42	45	48	49
54	56	63	64	72	81

Factors:

1	2	3	4	5	6	7	8	9
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# Overview

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- Identifying the agendas of school improvement
- Breaking down your school improvement
  - Define
  - Plan





# Cultural leadership in mathematics education

*A vision of the future*

A vision for mathematics education in your workplace

*Common purposes and values*

Identifying these as they pertain to your vision

*Commitment and alignment of stakeholders*

Some ways of achieving this



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Authentic and rich learning tasks

LITERACY  
NUMERACY  
TO HELP Y  
EVERY DAY  
A GUIDE FOR PAREN

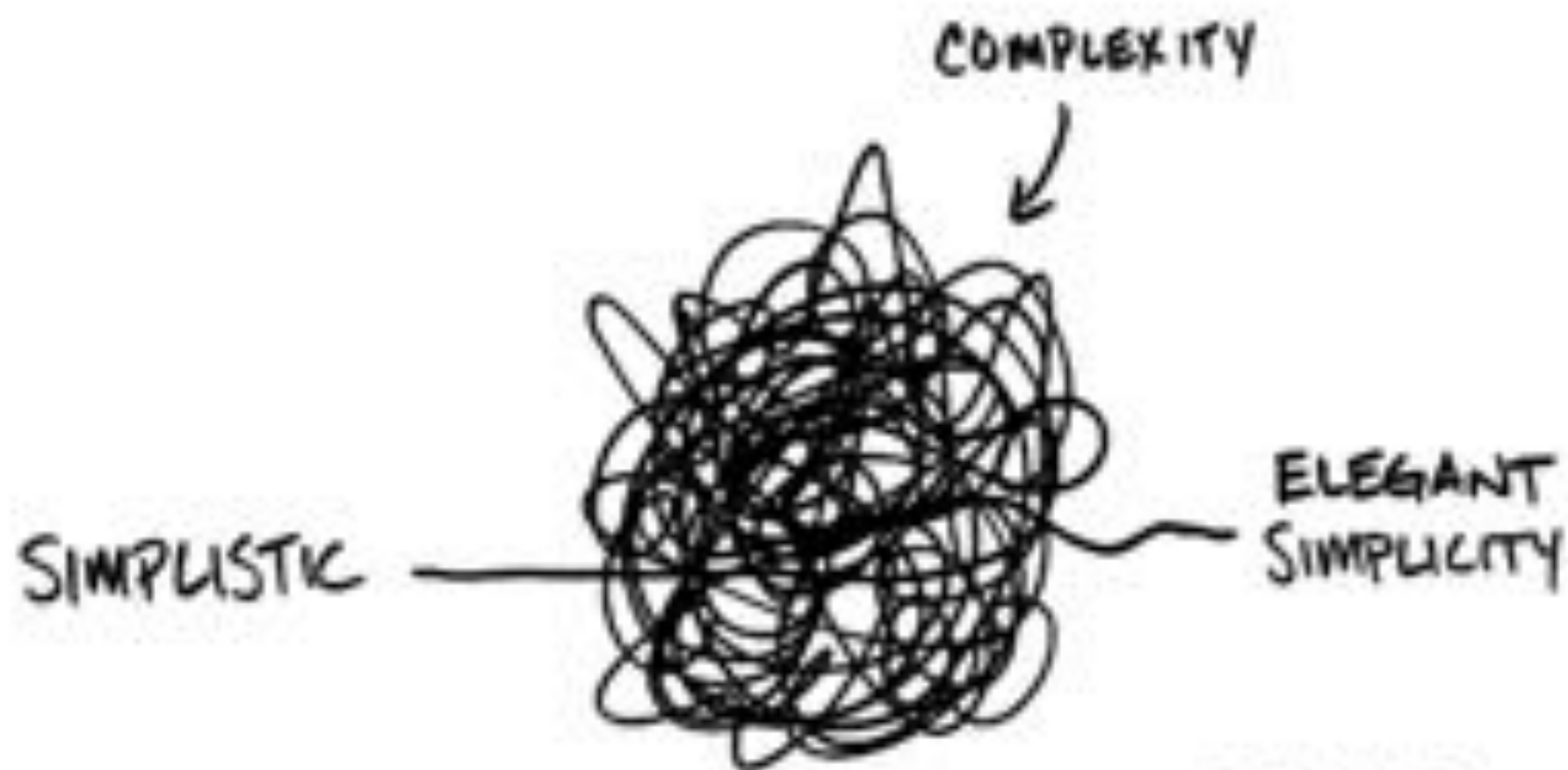
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# Deliberate practice



## THE FIVE PRINCIPLES OF DELIBERATE PRACTICE



**PUSH  
BEYOND**  
one's comfort  
zone



Work toward  
well-defined,  
**SPECIFIC  
GOALS**



**FOCUS**  
intently on  
practice  
activities



Receive and  
respond to  
**HIGH-QUALITY  
FEEDBACK**



Develop a  
**MENTAL  
MODEL**  
of expertise



**START**



# Defining focus

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Keep in mind

- Time frame
- Resources required
- Mental space and time for learning
- Passengers
- Do-ability!



# Taking the next steps

Map out one learning goal, one step at a time.

What will this professional learning intervention look like. Who will be involved, how long for?

What are the outcomes of each step?



# Specific goals

## ARE YOU **PRACTICING WITH PURPOSE?**

- Are clear and specific goals established and agreed upon by all parties - including all cooperating teachers and teacher-educators - who are involved in designing a novice teacher's opportunities for practice?
- Can clear measures be established to track progress against these goals?
- Do cooperating teachers and teacher-educators provide specific, actionable feedback related to these goals?



**CONSISTENCY**

*is the key to Success*



# Commit to course corrections

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- Is the plan working or not working
- How can you adapt if not
- Are there things that you're doing that are actually not working for you

# Questions

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