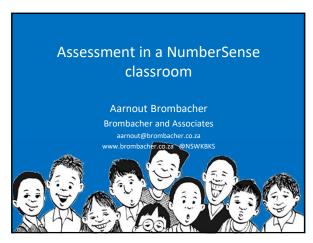
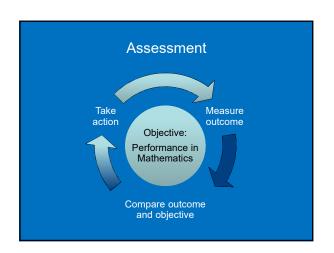
Workshop: Assessment in a NumberSense classroom







## Assessment in a NumberSense classroom

- · What are the issues:
  - Different children on different books can they do the same assessment?
  - How do you test concepts/topics?
  - Will children cope:
    - In grade 4?
    - In grade 8?
    - On the scholarship exam?

### Assessment in a NumberSense classroom

- · Roles of assessment:
  - Diagnostic Who needs what remedial support? and What is the best book for a child?
  - Formative What are the children learning and how can I adapt my teaching to their needs?
  - Summative Which children are ready to be promoted?

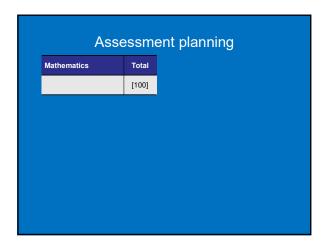
### Assessment in a NumberSense classroom

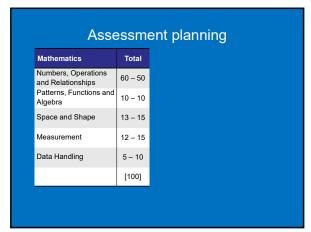
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Workshop: Assessment in a NumberSense classroom

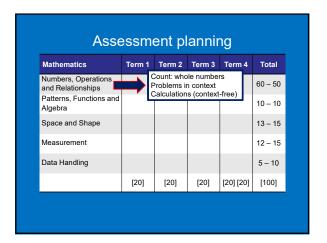


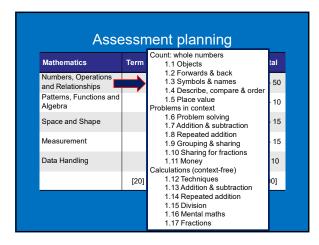


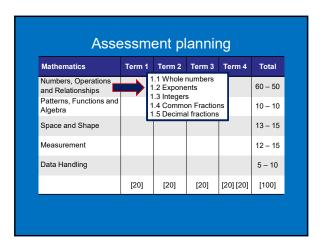


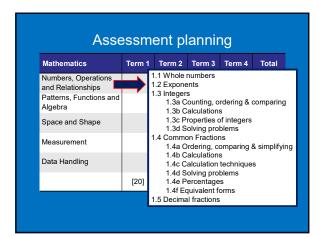


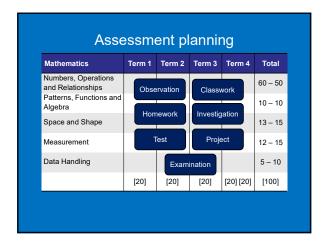
Mathematics	Term 1	Term 2	Term 3	Term 4	Total
Numbers, Operations and Relationships					60 – 50
Patterns, Functions and Algebra					10 – 10
Space and Shape					13 – 15
Measurement					12 – 15
Data Handling					5 – 10
	[20]	[20]	[20]	[20] [20]	[100]

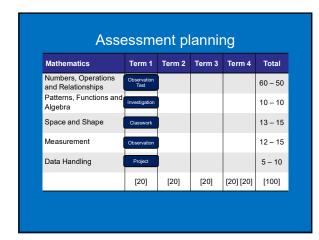


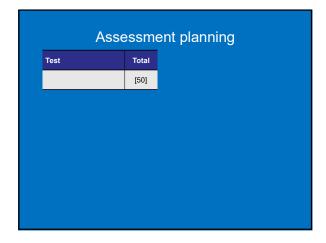


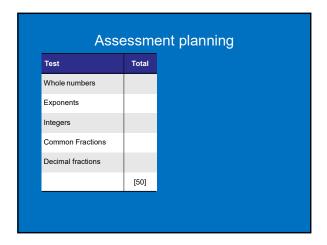


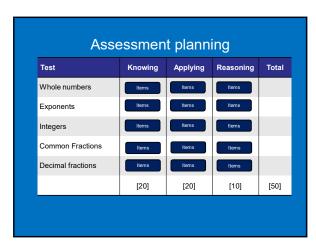


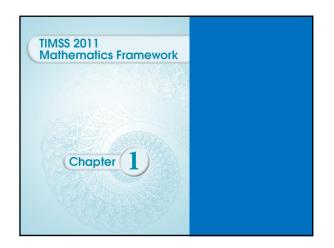




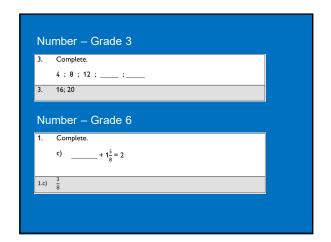


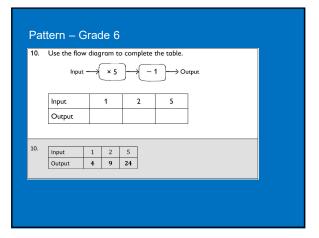


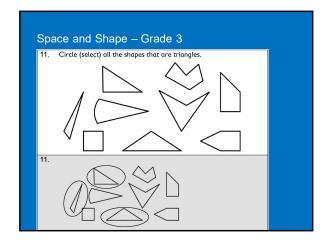


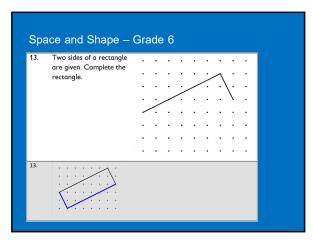


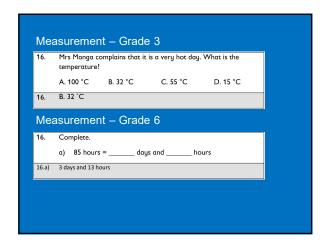




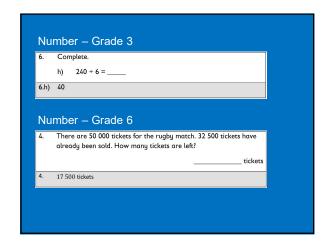


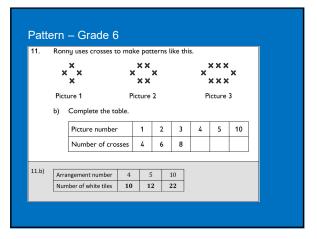


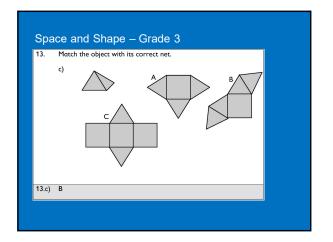


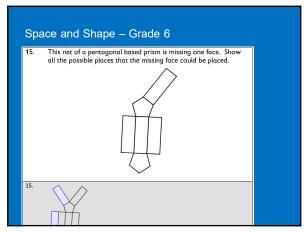












Measurement — Grade 3

17. Richard did spelling and mathematics for homework. He spent 20 minutes learning his spelling and half an hour doing mathematics.

a) How many minutes did Richard spend doing homework?

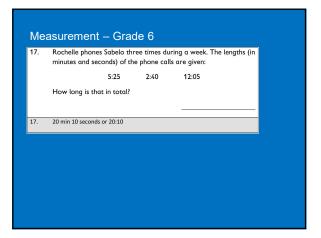
\_\_\_\_\_ minutes

b) Richard then watched television from 5 o'clock until quarter past 6. How long did Richard spend watching television?

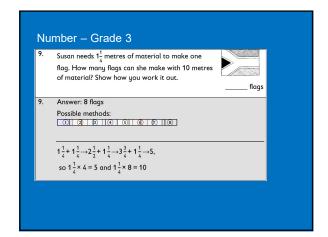
\_\_\_\_\_ hour \_\_\_\_ minutes

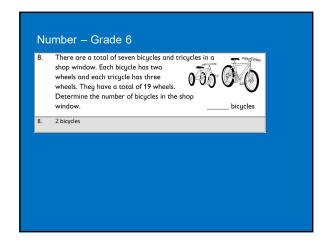
17.a) 50 minutes

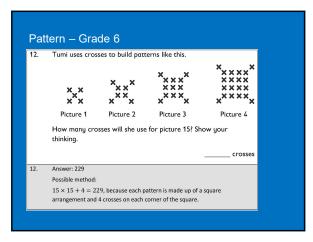
17.b) 1 hour 15 minutes

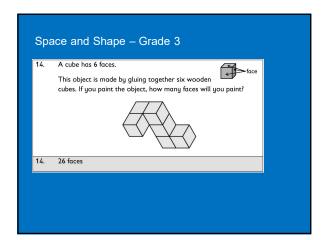


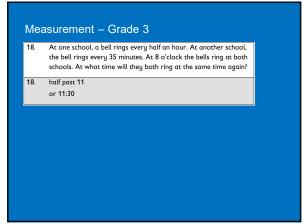
Beasening mathematically, involves the capacity for logical, openment childing. It includes insultive and shockive reasoning based on specification and present that can be used to a rarrie at solutions to non-routine problems. Non-routine problems are used to the very light yet to entimilate to adolests. Beyond of contine problems, even when the knowledge and shifts required of their solutions have been learned, both to require problems may be partly mathematical or may have real file straings, Both types and an interactions among reasoning shifts are usually a feature. Problems requiring reasoning may do so in different ways because of the movily of the context or the complexity of the admittent. Problems requiring reasoning may do so in different ways because of the movily of the context or the complexity of the situation, or problems or the context of the movil of the context of the context

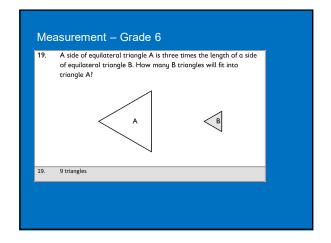








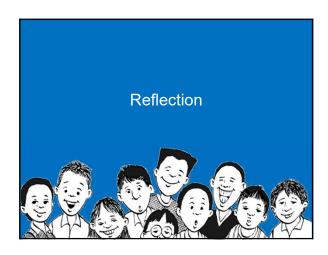






#### Assessment item treasure hunt

- Using the NumberSense Workbooks for your grade:
  - Identify questions that assess:
    - Application
    - Reasoning



# Assessment in a NumberSense classroom

- · What are the issues:
  - Different children on different books can they do the same assessment?
  - How do you test concepts/topics?

