

MATHEMATICS: GRADE 4 – 6: 2023 – 2024 ATP MEDIATION



14 NOV 2022



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Presentation Outline



Purpose and rationale



Amendments to the Annual Teaching Plan (ATP) per grade 4 - 6



Amendments to School Based Assessment (SBA)



Conclusion





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Purpose & rationale

- To present the Grade 4 - 6 amendments of the 2022 RATP for implementation in 2023 and 2024.
- “Phase” - approach



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Every child is a National Asset

2023 - 2024 AMENDED ATP AND ASSESSMENT PLANS

MATHEMATICS **GRADE 4 - 6**

Implementation date: January 2023



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Amendments to the Grade 4 Annual Teaching Plan (ATP) for 2023 - 2024

- Removed Symmetry and Transformation as it can be done in depth in Grade 6
- Increased time allocation as follows:
 - ✓ **Whole numbers** from 12 hours to 21 hours (taken 9 hours from revision time) to incorporate revision of the previous grade
 - ✓ **Time** from 6 hours to 9 hours
 - ✓ **Common fractions** from 18 hours to 21 hours
 - ✓ **Perimeter and Area** from 9 hours to 12 hours



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Amendments to the Grade 5 - Annual Teaching Plan (ATP)

- **Symmetry and Transformations** removed
- Increased time allocation as follows:
 - ✓ **Whole numbers** from 12 hours to 21 hours (taken 9 hours from revision time) to incorporate revision of the previous grade
 - ✓ **Area, Perimeter and Volume** from 12 hours to 15 hours
 - ✓ **Common fractions** from 18 hours to 21 hours
 - ✓ **Properties of 2D shapes** from 9 hours to 12 hours



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Amendments to the Grade 6 Annual Teaching Plan (ATP)

- Increased time allocation for **Whole numbers** from 6 hours to 9 to incorporate revision of the previous grade
- Moved **Capacity and Volume** from Term 3 to Term 4.
- Re-introduced **Symmetry** in Term 3 to integrate with transformation
- Decreased time allocation for **Numeric patterns** from 9 hours to 6 hours as the concepts were done in the previous grade to allow for revision at the end of the term 2



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Amendments to School Based Assessment (SBA)

- No Amendments on:
 - Forms of Formal Assessment tasks
 - Number of Formal Assessment tasks
- Guidelines on timeline and content of **INVESTIGATION AND PROJECT** provided
- Guidelines for end of term assessments will be provided



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Conclusion: Gr 4 - 6

- Provision for revision time
- The revised RATP must be used in conjunction with clarification notes in CAPS.
- For Term 1 and Term 3 tests, mark allocation per topic will depend on the time allocation per topic in the 'Revised' ATPs.
- Term 4 test will comprise of Term 3&4 topics and fundamentals from Term 1 & 2
- Cognitive levels will apply according to Abridged Section 4 of the CAPS
- Minimum suggested marks are in accordance with Abridged Section 4 of the CAPS

WCED: GET MATHEMATICS WAY FORWARD



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INTERMEDIATE PHASE + Gr 7: MATHEMATICS OBJECTIVES 2023/2024

SUBJECT DEVELOPMENT

- MCO – Gr 4 – 7
- Illustrative word wall methodology enhancing LOC in coordination with Maths hubs
- Refining Mental maths strategy development
- Growsmart
- Olympiads

ASSESSMENT

- Setting quality assessment and moderation processes
- Exemplar FATs and FAT guidelines

PROFESSIONAL DEVELOPMENT

- 1+4/9/14 Targeted TD
- Online short courses (content)CTLI – Targeted TD
- Online Problem solving course (MST)
- Novice TD
- Multi Grade development

PROVINCIAL AND NATIONAL OBJECTIVES

- E – portal extension
- Blended learning
- Implement Grade 3 to 4 bridging strategy/intervention and Grade 4 support

PROFESSIONAL DEVELOPMENT: Principles



FOCUSED PROFESSIONAL DEVELOPMENT - 1

- **Productive pedagogy:**

- 1 + 4/9/14 model – day out Teacher development
- “how to teach” methodology: “



- To be confirmed with official curriculum minute



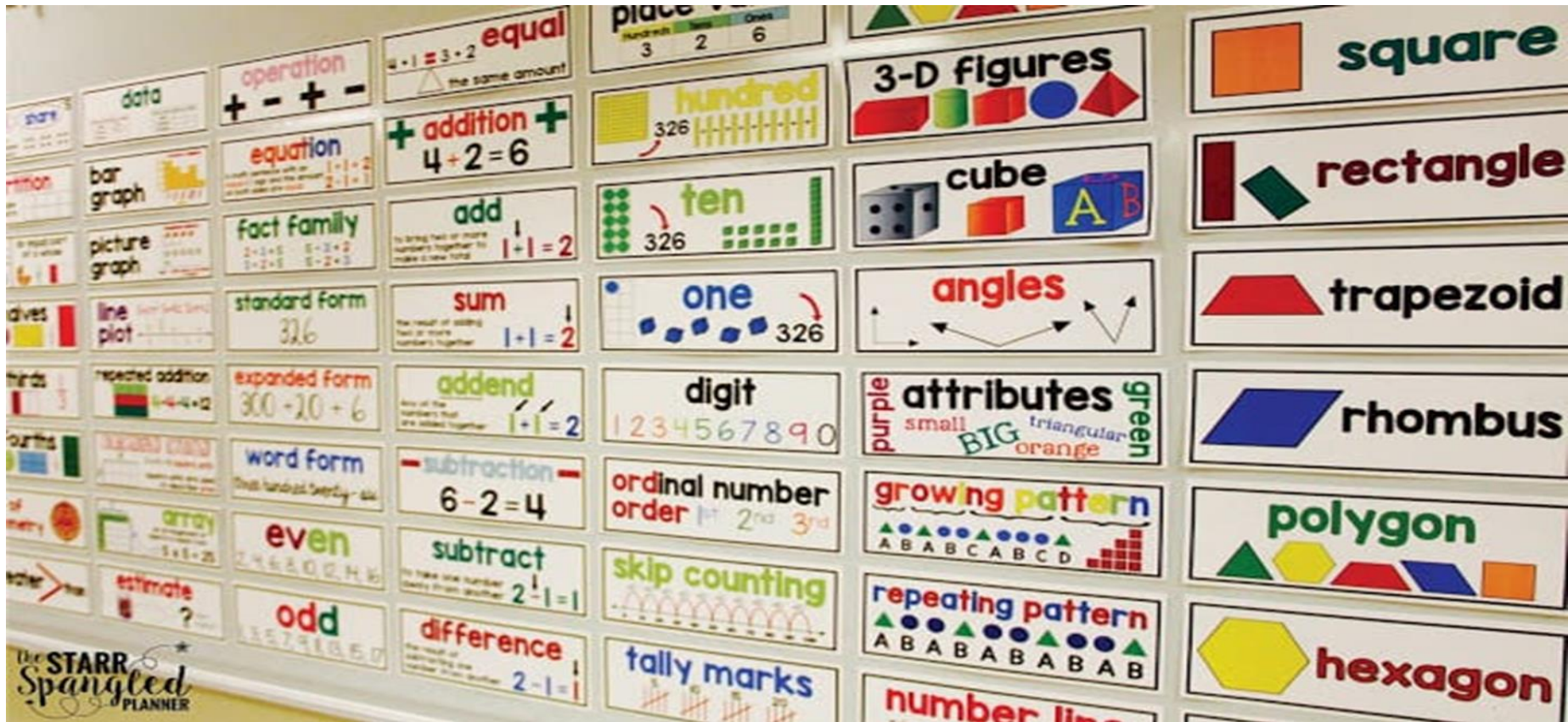
FOCUSED PROFESSIONAL DEVELOPMENT - 2

- **Productive pedagogy: Deeper content**
- **Online short courses – CTLI (250/course)**
 - Term 1: Whole numbers
 - Term 2: Fractions + ONLINE NON-ROUTINE PROBLEM SOLVING
 - Term 3: Measurement



FOCUSED SUBJECT DEVELOPMENT - 1

ILLUSTRATIVE MATHS WORD WALL:



ILLUSTRATIVE MATHS WORD WALL:

PURPOSE:

- Strengthen LANGUAGE ACROSS THE CURRICULUM
- To identify words and phrases that students need to understand and use, to make good progress in mathematics.
- Mathematical language (vocabulary) is crucial to children's development of thinking

DEMISTIFYING
THE SUBJECT

OTHER PRIORITISED FOCI FOR 2023

EXTENDED FOCI FOR 2023

- MCO – Gr 4 – 7: **Sustain 2022 cohort**
- Refining Mental maths strategy:
 - **Number lines, Beads, number chart, Maths Kits etc**
- Growsmart: **As per 2023 cohort**
- Olympiads: **Horizon, SAMC, SAMO**
- Novice TD: **Focussed support**
- Multi Grade development: **Rural Districts**
- Setting quality assessment and moderation processes:
 - **Workshops and mediation of focused resources**
- E – portal extension: **Exciting new features and additions**
- Blended learning: - **MCO intervention**
- Grade 3 to 4 bridging strategy/intervention and Grade 4 support: **Collaborative support across directorates**

QUESTIONS



Thank You!

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