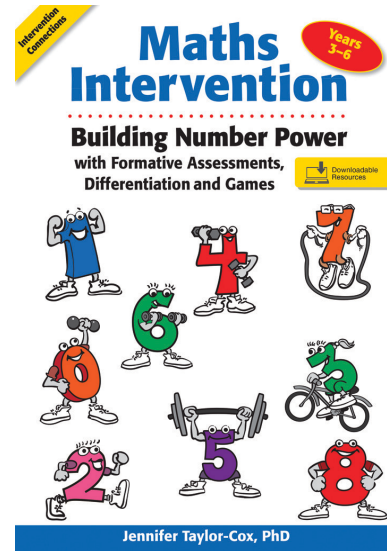


Maths Intervention: Building Number Power with Formative Assessments, Differentiation and Games

Author: Jennifer Taylor-Cox PhD

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Format: A4, 184 pages
Age Group: Years 3–6
Learning Area: Maths
Category: Gifted & Support/
Exercises & Activities



Summary:

This book for small groups or one-on-one instruction, this book offers successful maths interventions and RTI connections. Teachers will learn to target maths instruction to struggling students by:

- Diagnosing weaknesses
- Providing specific, differentiated instruction
- Using formative assessments
- Offering corrective feedback
- Motivating students by using games

Taylor-Cox emphasises four main goals for maths instructors. They must help students achieve: accuracy, efficiency, flexibility and fluency in solving maths problems. Integral to each of these goals is ensuring that students understand maths concepts such as number sense and computation, number lines, adding and subtracting, multiplication and division, prime and composite numbers, and more. Taylor-Cox writes, "When concepts are ignored and the focus is solely on rules and procedures, struggling students often develop misconceptions and learning gaps." Maths Interventions: Building

Number Power, Years 3-5 provides maths teachers with specific strategies for imparting those concepts.

Supporting Resources:

- *Maths in Plain English* (EYE0091)
- *Engaging Mathematics Students Using Cooperative Learning* (EYE0014)
- *Family Maths Night: Strengthening Maths Abilities through Family Interaction Years 5–9* (EYE0121)
- *Family Maths Night: Strengthening Maths Abilities through Family Interaction Primary Years* (EYE0138)

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