

GROWTH MINDSET Pocketbook

Create motivated learners who embrace challenge, learn from setbacks and know that they can 'grow' their intelligence

Barry Hymer & Mike Gershon

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GROWTH MINDSET Pocketbook

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Contents Page What are mindsets?, beliefs vs ability, ability's contribution, evidence base, The Nature why do mindsets matter?, effects, who has growth mindsets?, mindset of Mindset 7 origins, parents' role, advice, being 'clever' or not – the dangers, measuring mindsets, changing mindsets Trial and Loving the tough stuff, power of failure, show and tell, challenge – value. achievement and neuro-roots, deliberate practice, neural responses to error, 25 Error linking challenge to experience, failure and mistakes, failure and success, logging mistakes, success stories, artist's approach **Targeted** Effort is important but problematic, understanding effort, if you don't sweat it..., neural learning, the sum of the parts, making effort visible, effort Effort 43 grades, making effort sexy, giving it status, tapping into 'divine dissatisfaction' Feedback Abandoning cherished practices, nature and importance of feedback, growth vs fixed mindset feedback, evaluating, problems with praise, monitoring and 59 **Trumps Praise** reframing praise, retrain yourself, focused feedback, pupils giving feedback. and Prizes real-time continuous feedback, interview and auto-feedback, tracking it, making the grade? Goina It's the learner's job to learn, meta-learning, motivation, volition, mental 79 contrasting, making meta-cognition the objective, meta-feedback, your mind Seriously and memory, traffic lights, together we're better, reflection, mapping, what 'Meta' if?, mindset messages Mind Your It's good to talk, three stories, power of metaphor, policy audit, challenging language, hidden persuaders, dramatic confrontation, getting into role, a 97 Language auide, binao! Growing a Dispositions, collective mindsets, cooperative learning groups, link with thinking skills approaches, mindset mentors, role models, heroes, teaching Group Growth 111 the school, computers, display, peer-assessment, last words, about the

author, further reading

Mindset

Foreword from Carol Dweck

"I am delighted to recommend this important book. The authors explain my research on students' motivation and mindset elegantly and succinctly, and show how it can be applied in everyday learning and teaching. With research evidence, classroom examples, and case histories, they show how developing a growth mindset in students can be transformational.

The *Growth Mindset Pocketbook* has the potential to have a lasting impact on the lives of teachers and learners alike."

Carol S. Dweck, Author of Mindset: *How We Can Fulfil Our Potential*, Lewis & Virginia Eaton Professor of Psychology, Stanford University

Welcome



Thank you for buying this book. Whilst there is no one golden bullet in education (not even synthetic phonics), there is an approach that:

- Is underpinned by forty years of internationally-recognised research
- Is fundamentally relevant to your daily practice, and in all phases of education
- Transfers benefits across subject domains, and between home and school
- Supports learners to take control of their own learning
- Raises your own and your pupils' aspirations

Welcome

- Gets pupils embracing tough challenges
- Nurtures intrinsic motivation, as well as the skills of collaboration
- Promotes steady progress and high levels of scholastic achievement
- Underpins high levels of achievement beyond the school years, into work or higher education
- Is free to implement

Does this seem too good to be true? This book sets out to show how these benefits might begin to be seen in your classroom, this year. Please put it to the test.

Barry & Mike



The Nature of Mindset



Trial and Error



Targeted Effort



Feedback Trumps Praise and Prizes



Going Seriously 'Meta'



Mind Your Language



Growing a Group Growth Mindset



The Nature of Mindset

What are mindsets?



What makes you *you*? Your mind? Your genes? Your experiences? Your irresistible personality or your stunning good looks? OK, you'll need more than a dip into a Pocketbook to crack that one, so let's try a variant: whatever makes you you, can you affect it? Your answer gives us a glimpse into your **mindset**. A mindset is simply a belief – a belief about yourself and your most fundamental qualities like ability, faith (or lack of it), personality, political views, talents, etc.

People with **fixed mindsets** believe that fundamental qualities like intelligence are essentially stable: they don't change much over time. People with **growth mindsets** believe that these qualities are, well, growable: they are susceptible to change and can flourish in certain circumstances and wither in others.

Two further questions:

- Does it really matter what mindset you have?
- Are mindsets changeable?

That's the whole point of this book. In brief, yes and yes. Mindsets really, really matter.

Beliefs vs ability



How many of these terms and expressions have you heard, or used?:



They all seem to locate performance within the Victorian notion of genetic inheritance and pre-existent ability. Despite their continued prevalence, this century has seen an explosion of evidence that there are many better predictors of performance success than such fuzzy *capacity* concepts as intelligence, ability, talent, etc. **Persistence**, for instance – sheer grit.

What seems to matter is not your ability, but your beliefs about your ability. Do you believe it's something you can develop, or does it define your past, present and future?

What ability *per se* has contributed to humanity



Earlier, we named intelligence as an example of one of your fundamental qualities. The curious thing is, it's a whole lot less fundamental than the Western world seems to believe. We could summarise the contribution of ability alone to the march of civilisation as:

