

The Importance of Revision: The Science of How We Learn

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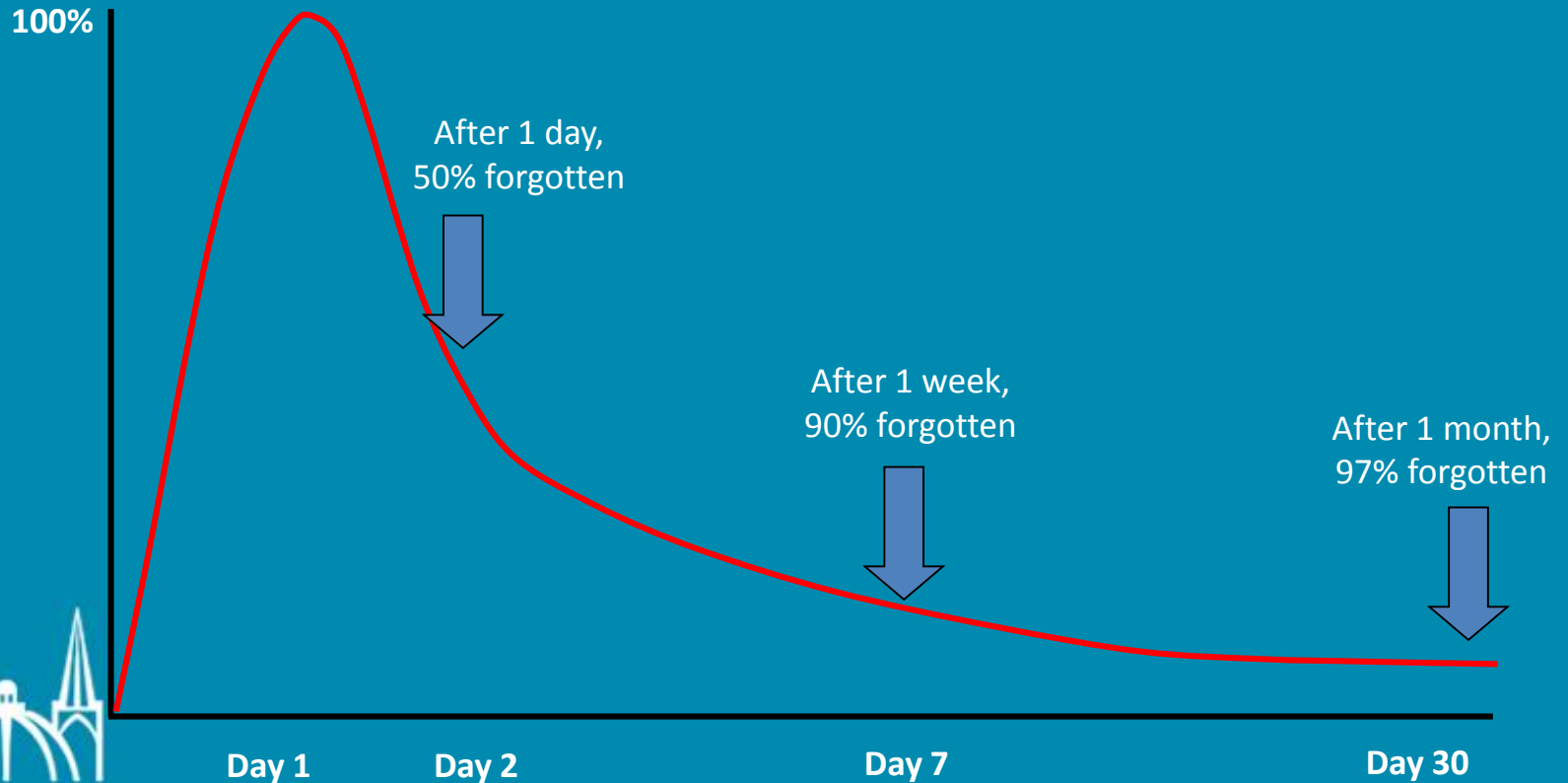
First...

- Learn to study and work smarter, not harder
 - *How We Learn* Benedict Carey
 - *Two Awesome Hours* Josh Davis
- Methods that work best for **you** may be no good for others (and vice versa)
- Manage your mental energy
- Sleep = learning



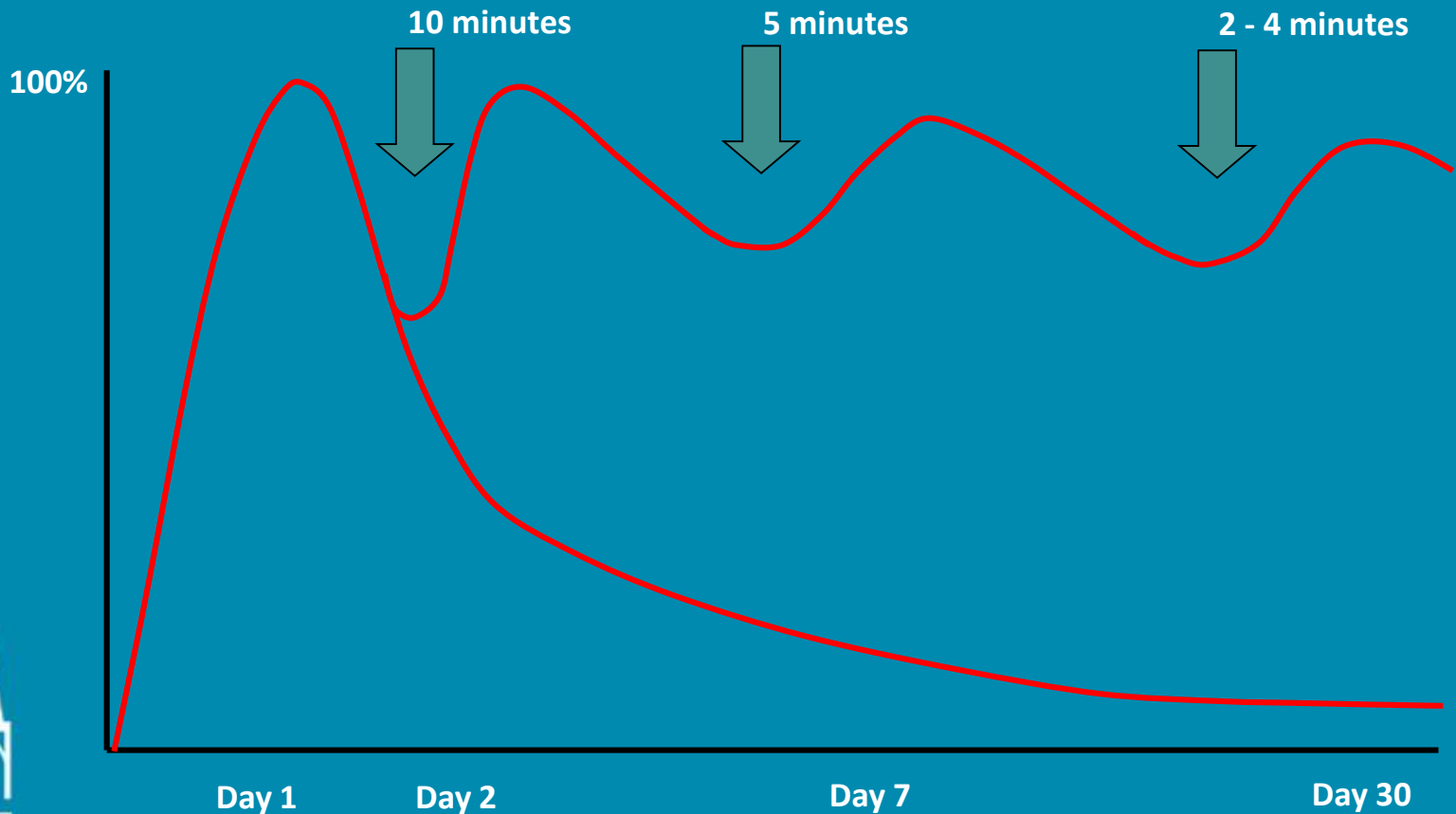
Memory

The curve of forgetting



Memory

The curve of ~~forgetting~~
remembering



Memory

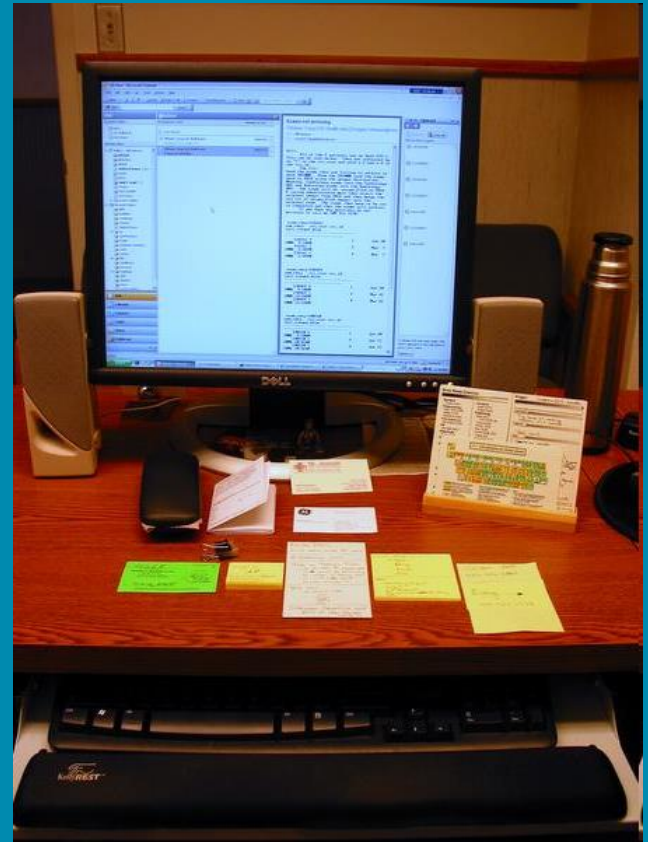
Retention = take in and store material

Recall = select from your store

- You usually recall the beginning more than the middle
- You usually recall more recent events
- Linkage of ideas and material improves recall
- “Outstanding” items are recalled easier
- Reviewing STRATEGICALLY improves recall by 80%



Your study space?



Planning

There's no secret to exam success,
it's all in the preparation.

PRACTICE answering questions

PRACTICE assessing answers

PRACTICE recalling material



Howard Gardner's Theory of Multiple Intelligences

- Visual
- Verbal
- Kinesthetic
- Logical/mathematical
- Musical/rhythmic
- Interpersonal
- Intrapersonal



Learning Styles



- Visual Learners – learn through seeing



- Auditory learners – learn through listening

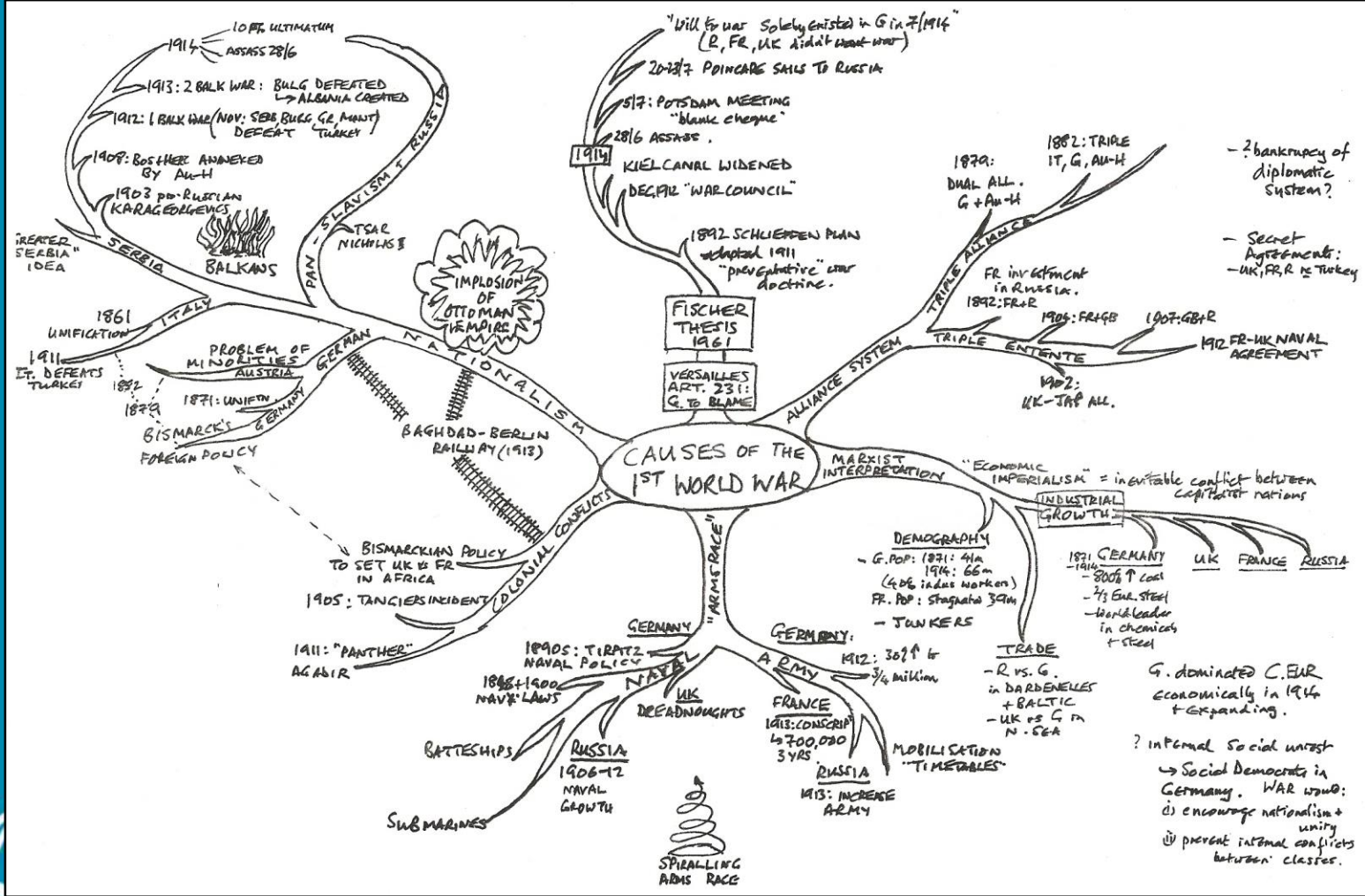


- Tactile/kinesthetic learners – learn through doing, moving, touching

Study Buddies



Summary Notes



4.3 Chromosomes, genes, alleles and mutations
 4.3 Theoretical genetics
 5 hours



atmosphere pattern

Order

Be strategic and structured in your revision

- O** Organisation
- R** Reduce, Reduce, Reduce
- D** Diagrams
- E** Exam practice
- R** Rigour



Remember

- Methods that work best for you may be no good for your study buddies (and vice versa)
- Manage your mental energy
- Learn and work smarter, not harder
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Professional Development

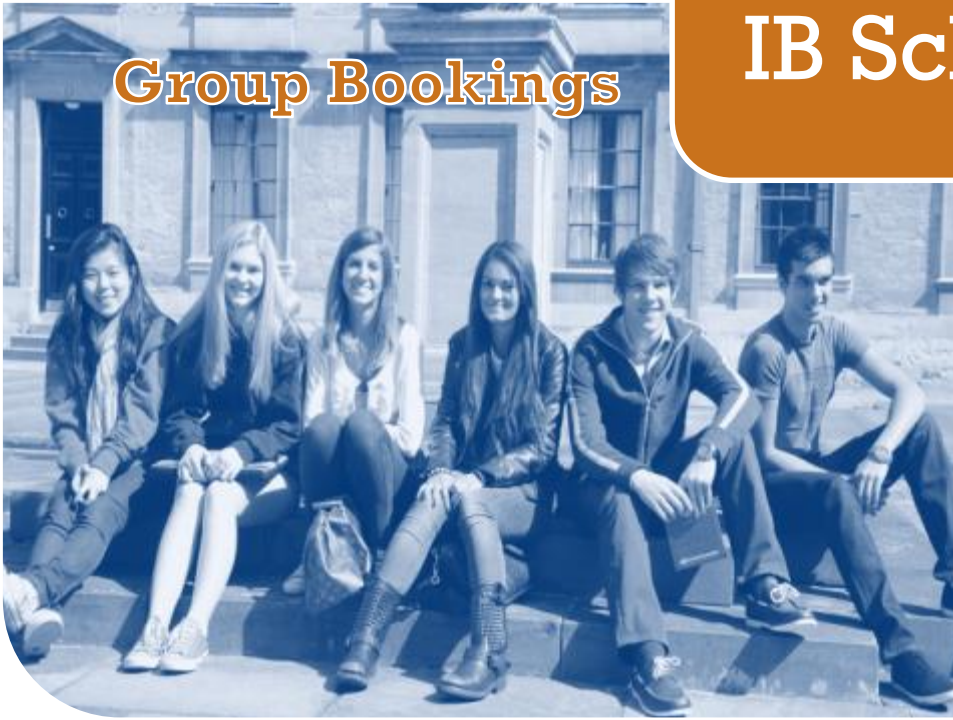


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- The IB exam climb
- What to do if your IB results are below expectations
- Choosing your IB Subjects: Don't Panic!

- Exam timetable
- Exam watchart
- Personal exam timetable
- Exam subject times

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