#### LEARNING & MEMORY

# **OST YOUR LEARNING** USE THESE SIX TIPS TO HELP IMPROVE THE POWER OF YOUR BRAIN



# MINIMISE DISTRACTIONS

Reduce the amount of distractions including mobile phones, social media and television. Avoid multitasking as it can impair both long-term and working memory (short-term) memory.

### **EDUCATORS**

Set rules about the use of technology in the classroom: encourage students to focus on one task at a time.



# **USE ACTIVE TESTING OR** RECALL

**D**oing quizzes or forcing yourself to actively recall information is linked to deeper memory formation than when you passively review notes.

# **EDUCATORS**

Make guizzes or assessment tools available to students.



# SPREAD OUT LEARNING

or long-term retention, spacing study sessions apart is far more effective than when information is learned en masse in one long session. Revise regularly, whether it is done weekly or each day.

### **EDUCATORS**

**Periodically review topics** throughout a term.



# MIX THINGS UP

**M** ixing up the practice of several interrelated skills can boost performance in the long run. Known as 'interleaving'—this method can improve motor learning.

### **EDUCATORS**

Intermix step-by-step worked solutions with problem-solving exercises, or provide students with revision material that combines practice questions about multiple topics.



# COMBINE **SPOKEN WORD** WITH IMAGES

esearch has found **K**that processing images and spoken words simultaneously has no negative effect on how well we remember them.

#### **EDUCATORS**

Use relevant non-text images as teaching aids, in the form of large presentation visuals or image-based handouts.





Brought to you by the Queensland Brain Institute at The University of Queensland, and the Science of Learning Research Centre. **gbi.ug.edu.au/learning** and **slrc.org.au** 





# **USE STORIES**

**R**emembering an abstract concept can be improved by concrete examples or stories. Mnemonics, or memory aids, and stories help you form associations between the content you want to remember.

# **EDUCATORS**

Provide context, real-world examples, or stories for concepts being taught.



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