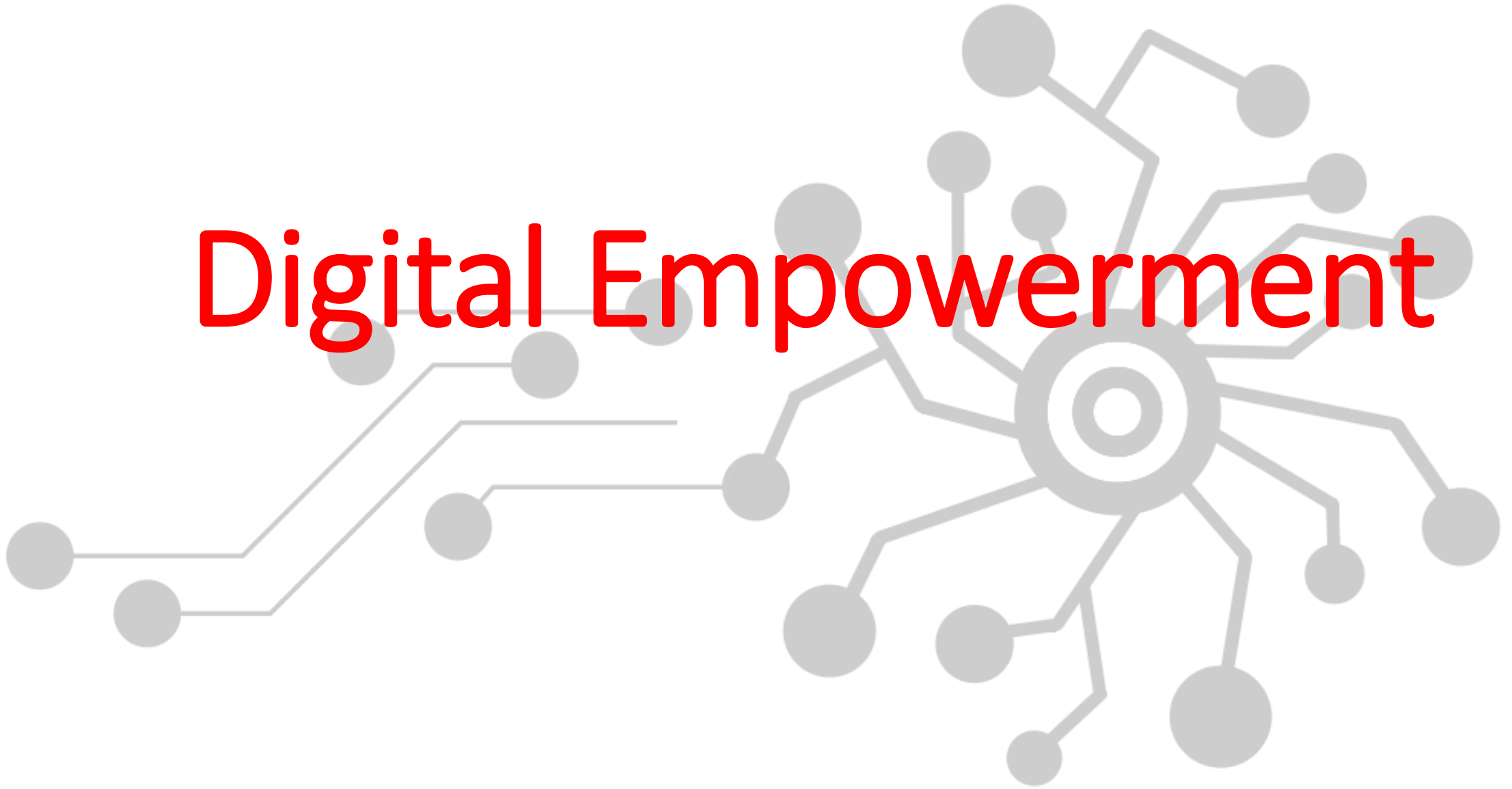


Digital Empowerment





Joanne C. Duff
FIFTH GRADE TEACHER
MYRA S. ALLEN INTERN

SAN PABLO
ELEMENTARY SCHOOL
JACKSONVILLE BEACH, FLORIDA

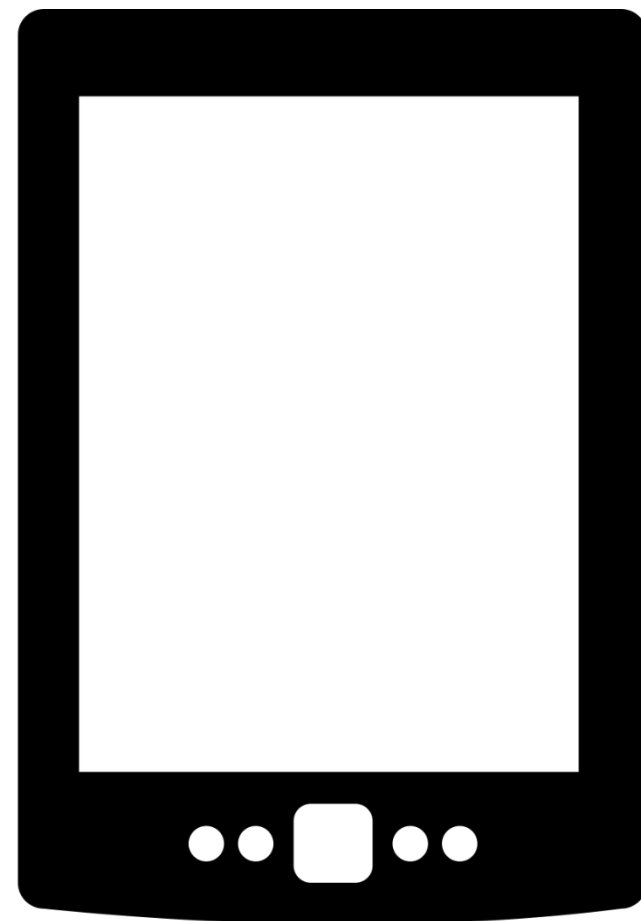
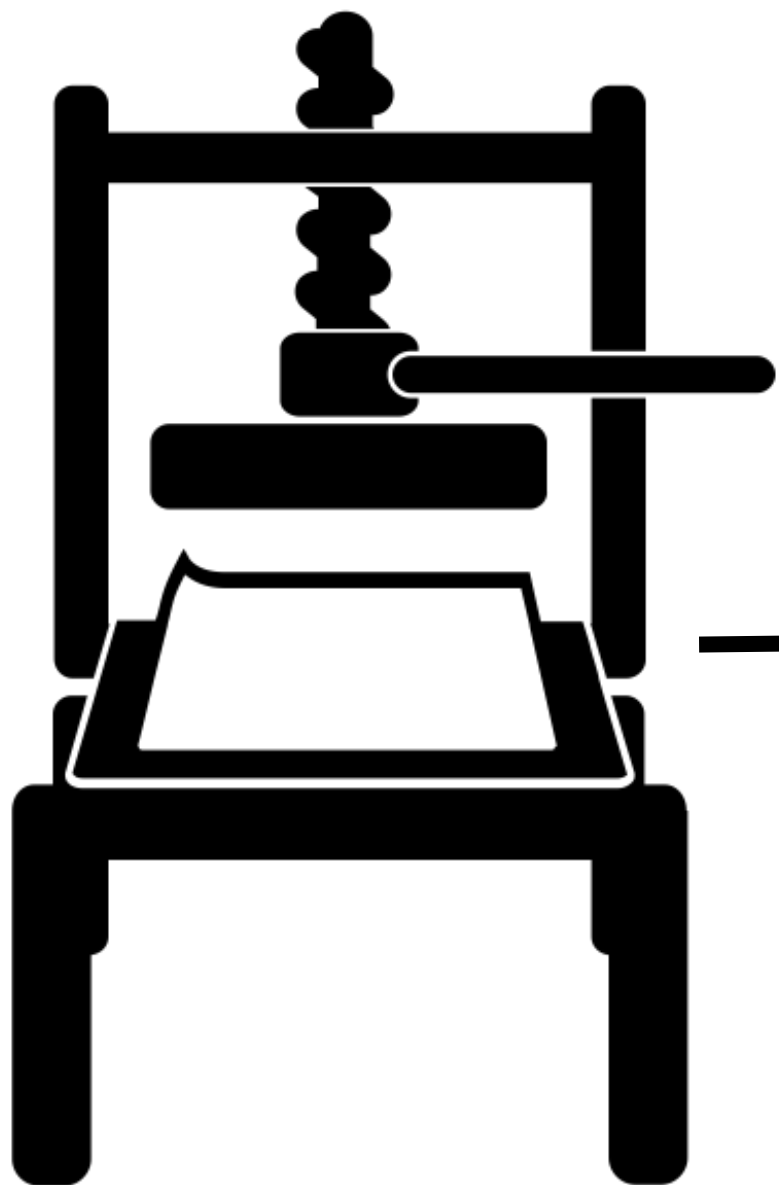
L. E. Haag
PRINCIPAL

1969-1970



Technology Change

تغيير التكنولوجيا



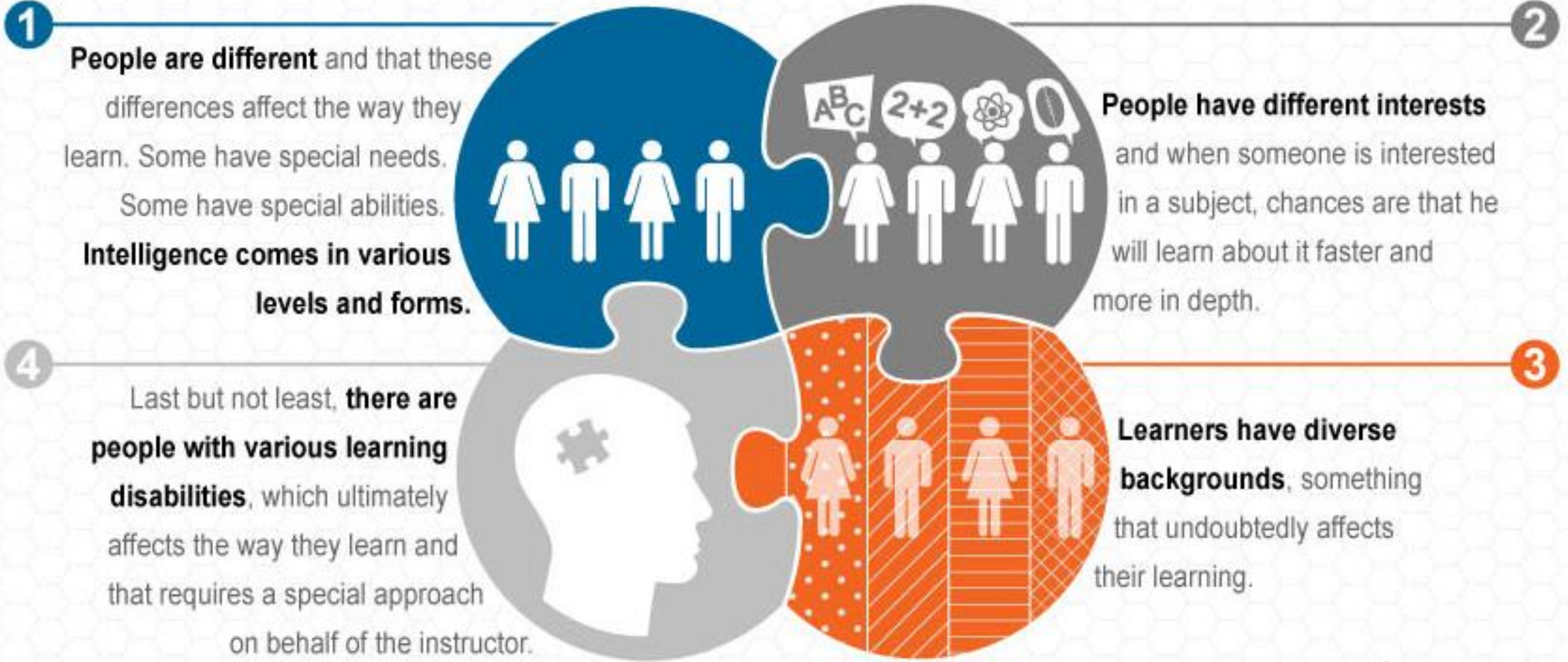
Digital Empowerment in Learning (1:1 learning)

Empower students to be:

- productive & life long learners
- prepared for the Digital Life in Smart Society (E-Inclusion 4 All Citizens).
- citizens with better opportunities to live with quality and happiness.

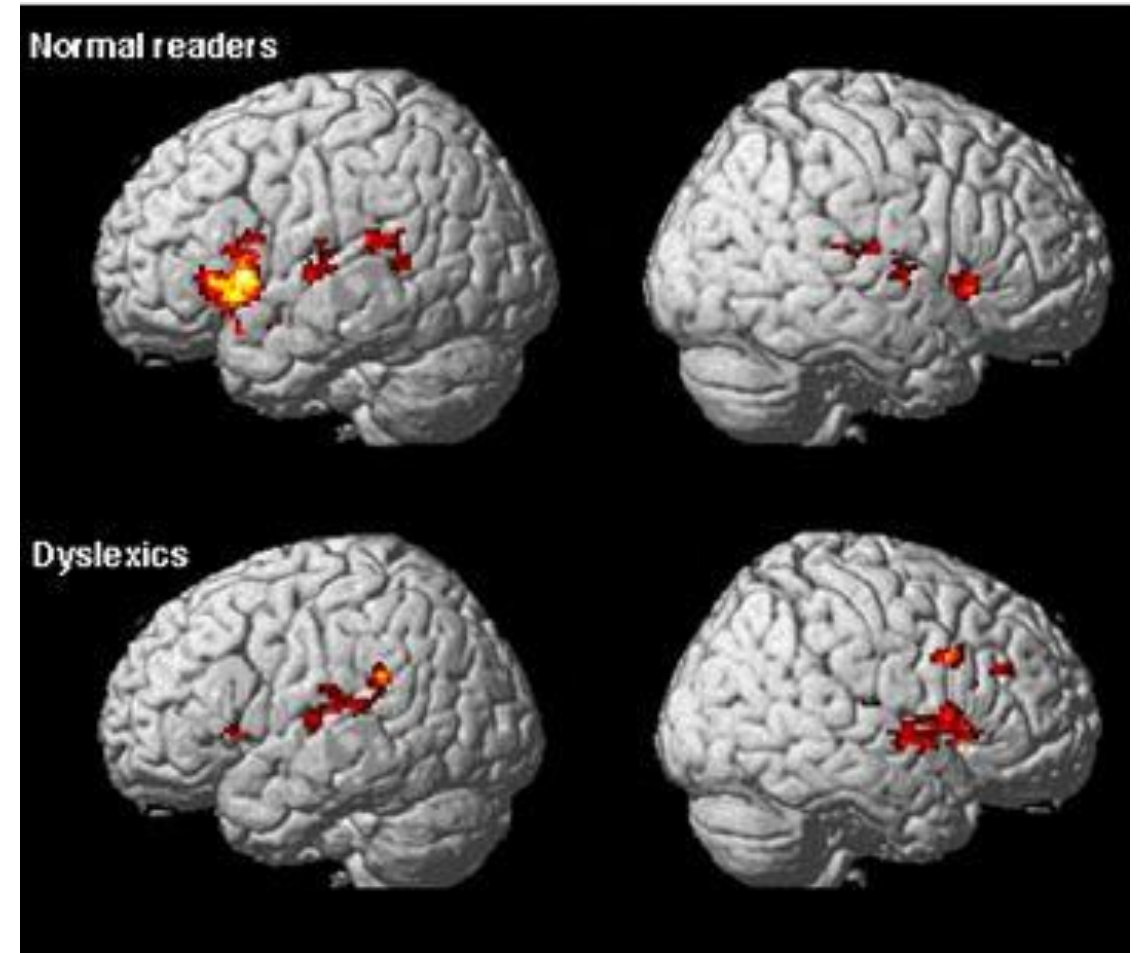
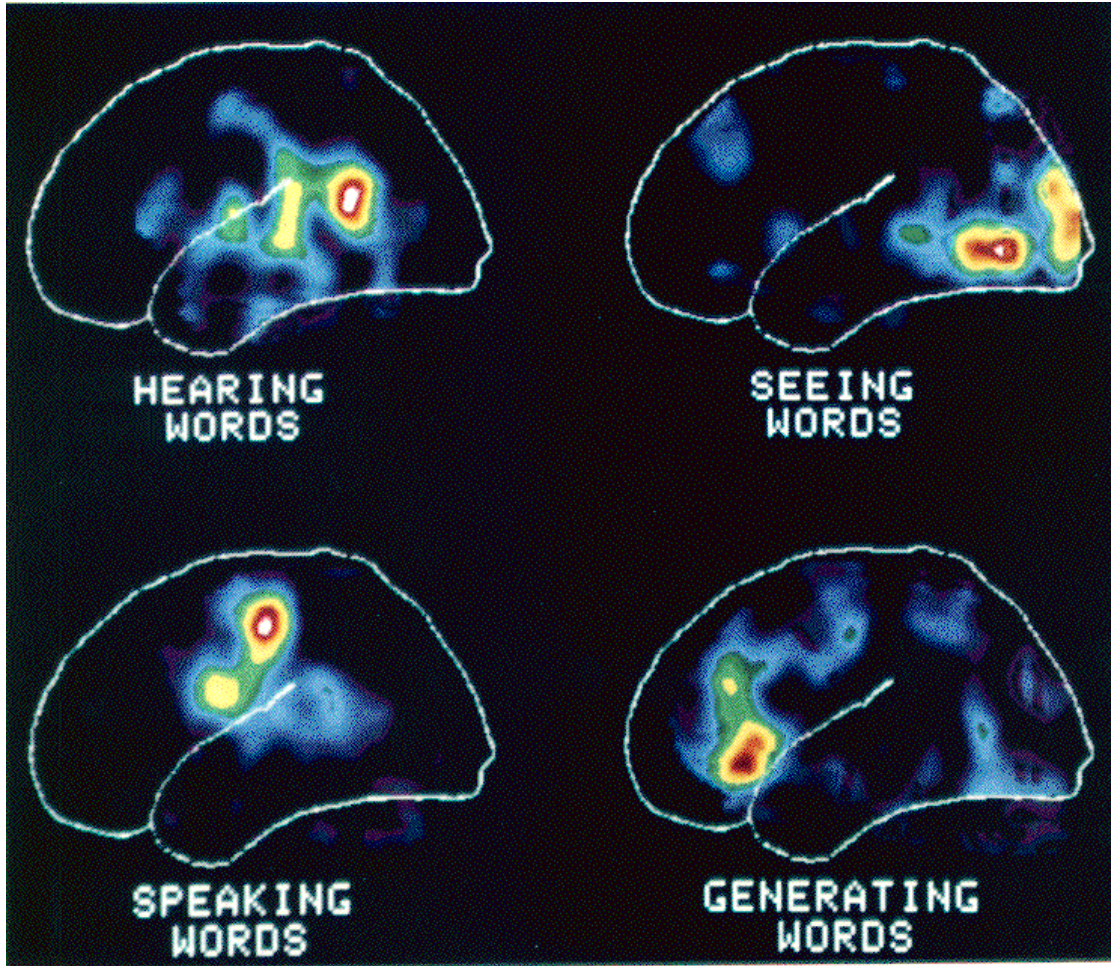
Resources:
Paschler, H., McDaniel, M., Rohrer, D. and Bjork, R. (2010) Learning styles: Concepts and evidence. *Psychological Science in the Public Interest* 9, pp. 105-119.
Dembo, Myron H.; Howard, Keith. (2007) Advice about the Use of Learning Styles: A Major Myth in Education. *Journal of College Reading and Learning*.
Dweck, C. (2006) *Mindset: The new psychology of success*. Random House, New York, NY.
Roediger, H. L. and Karpicke, J. D. (2006) The power of testing memory: Basic research and implications for educational practice. *Perspectives on Psychological Science* 1, pp. 181-210.
Kratzig, G.P. and Arbutnot, K.D. (2006). Perceptual learning style and learning proficiency: A test of the hypothesis. *Journal of Educational Psychology*, 98, 238-246.

Learning Style - Needs



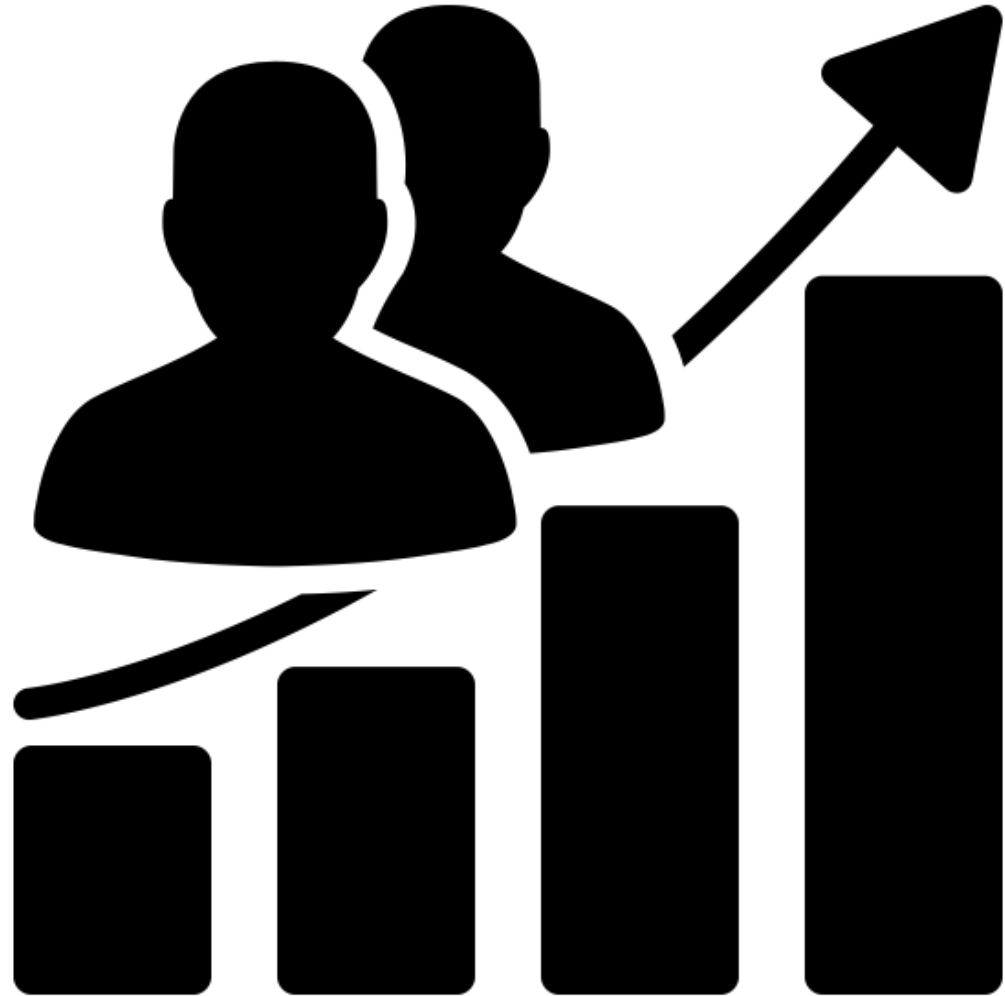
Brain Research and Learning

أبحاث الدماغ والتعلم



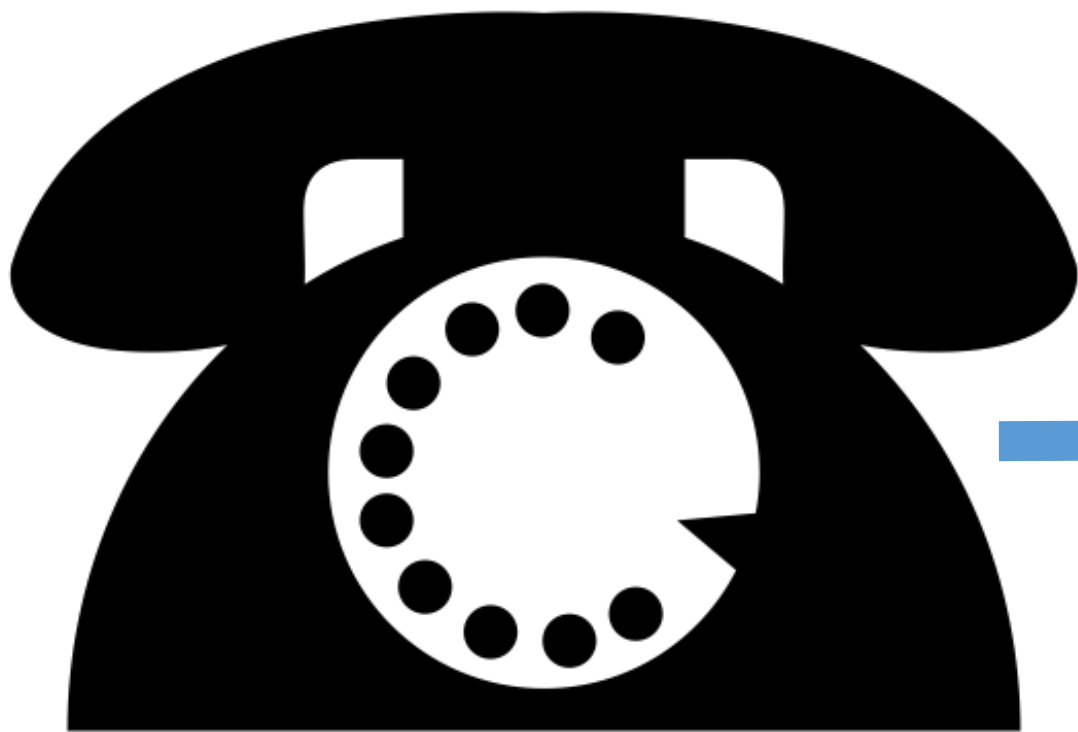
Shifting Baseline

تحويل خط الأساس

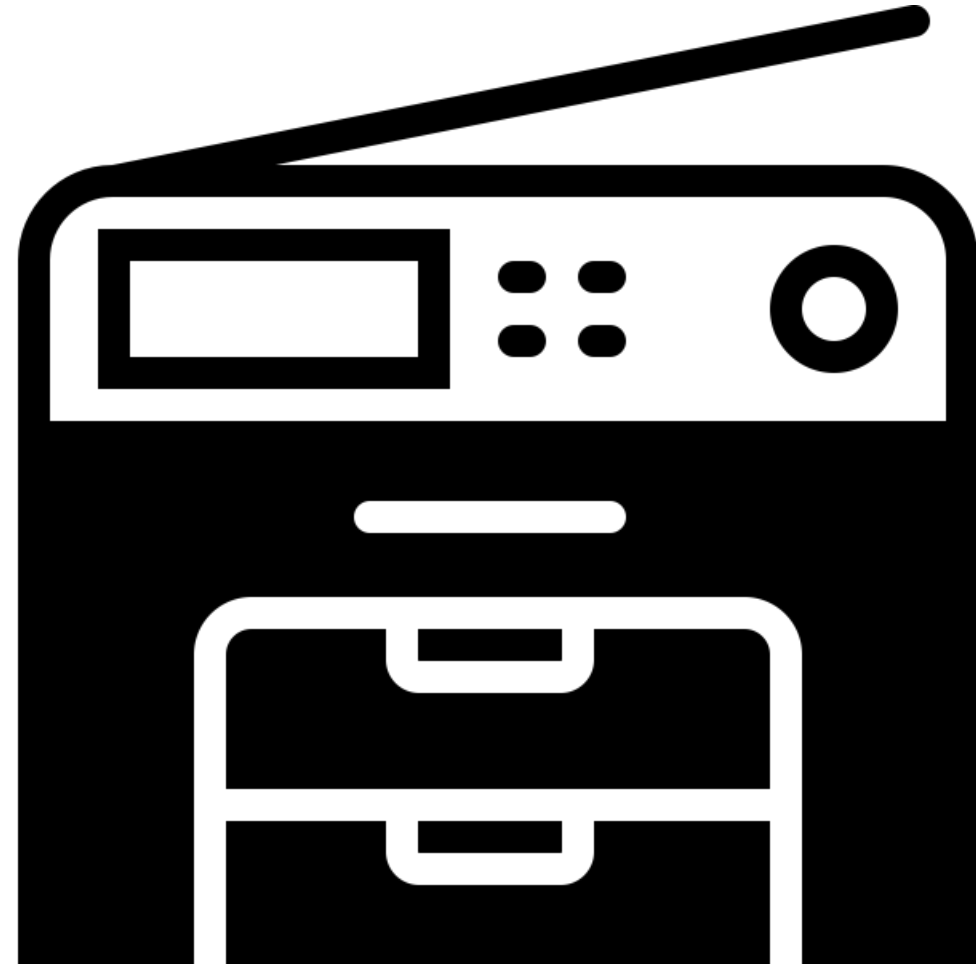
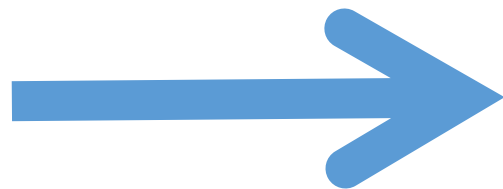
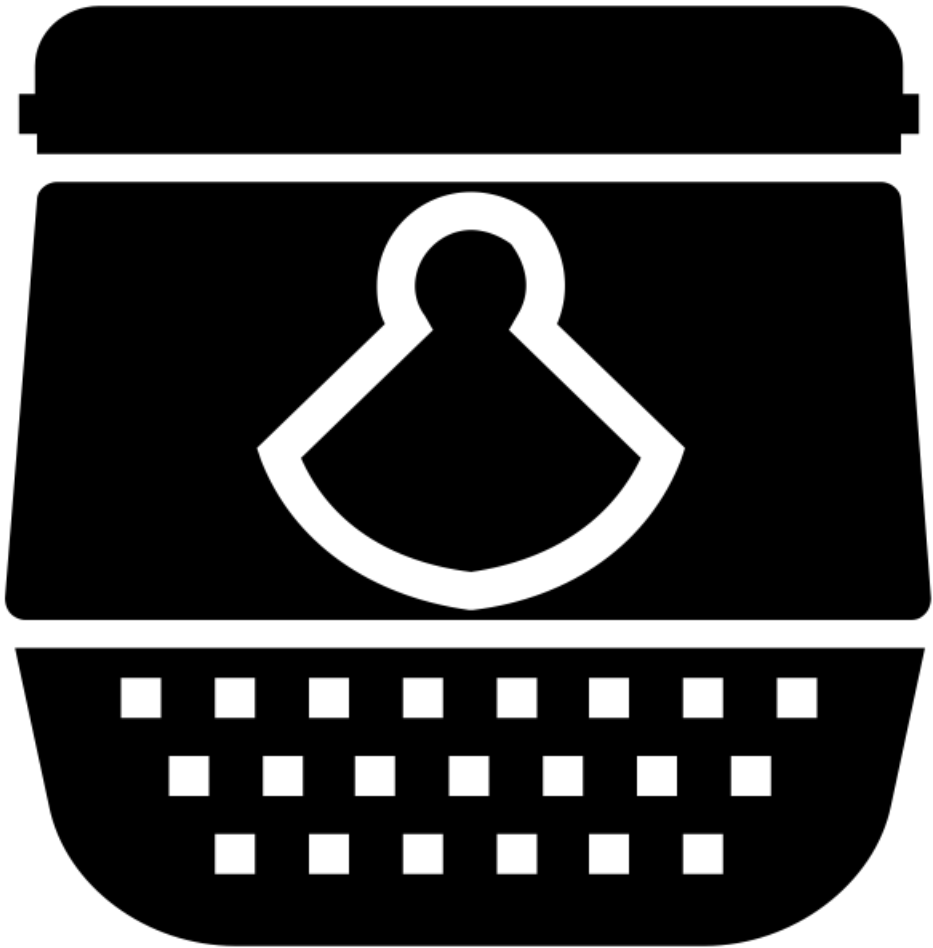


Phone

هاتف



Home printing
الطباعة المنزلية



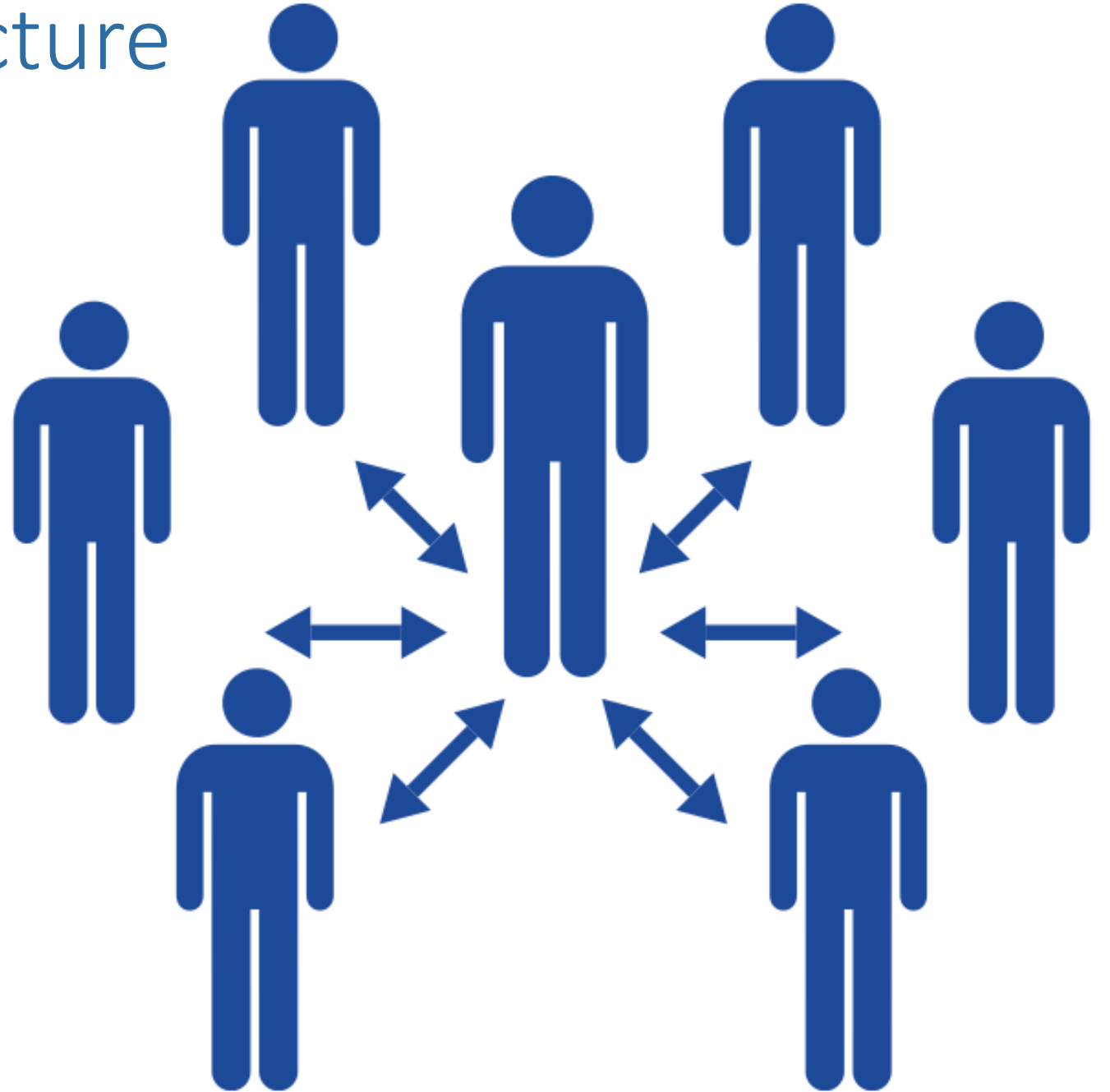
Teachers

معلمون



Support/infrastructure

دعم / البنية التحتية



Illusory Superiority

التفوق وهميا



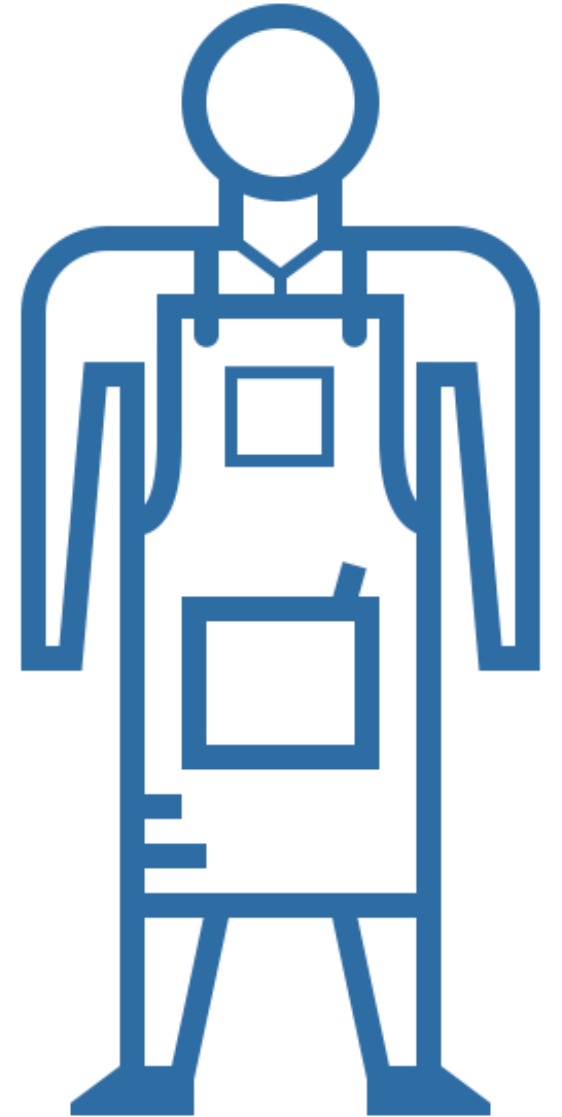
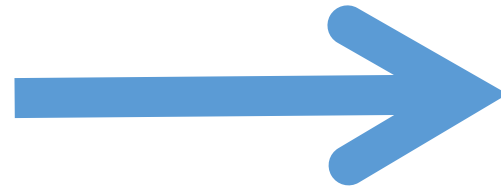
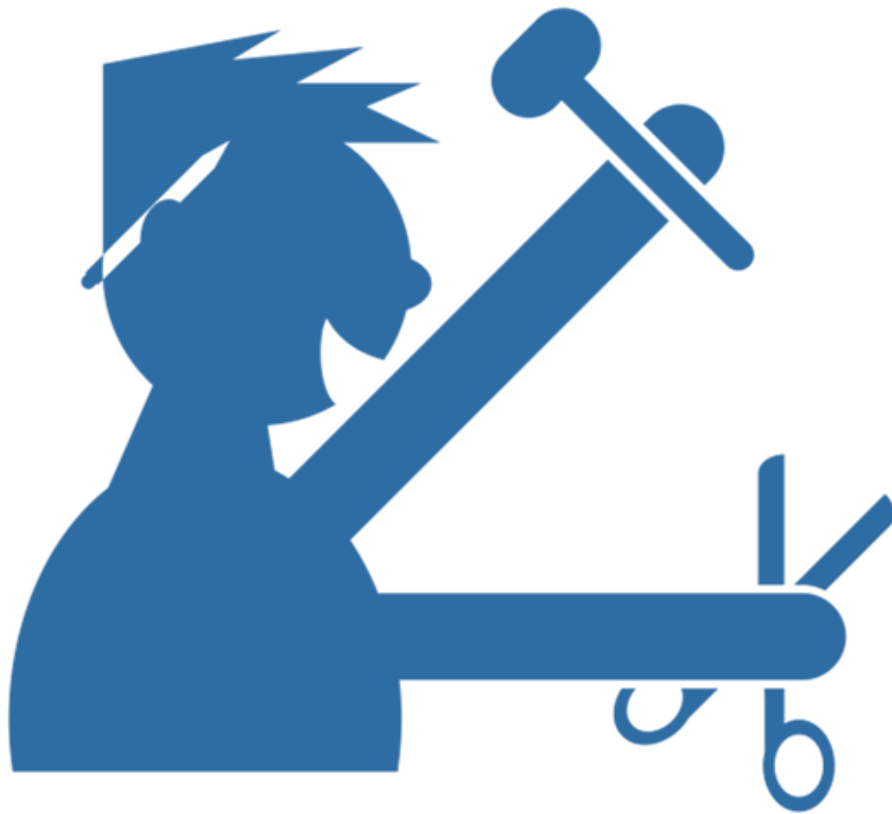
Expert

خبير



Becoming Expert

خير تصبح



Schools of the Future

- Acquire & stimulate development of wide range of educational software to meet curriculum needs
- Facilitate use of relevant Internet resources for teaching & learning
- E-Content: eBooks and enrichments

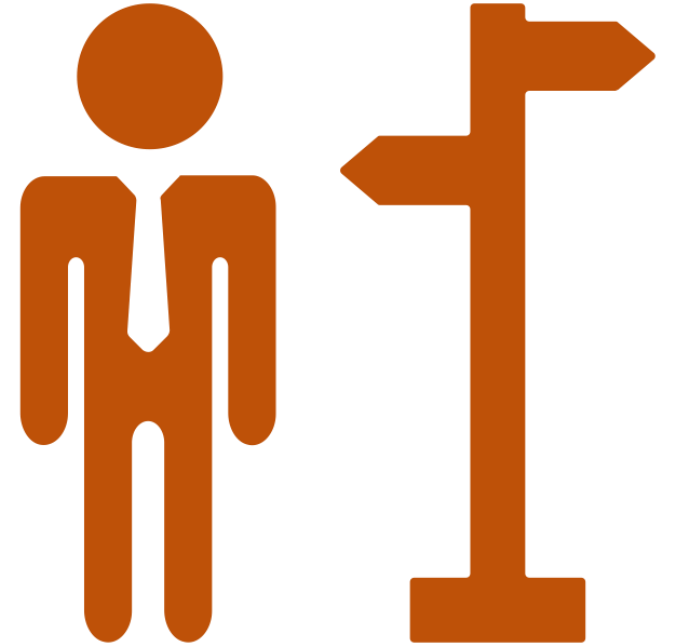
Learning Environments

بيئات التعلم



Role Change

دور تغيير



Social Learning

التعلم الاجتماعي



Student Centered

طالب تويست



Technology Enhanced Learning

تكنولوجيا التعلم المحسن

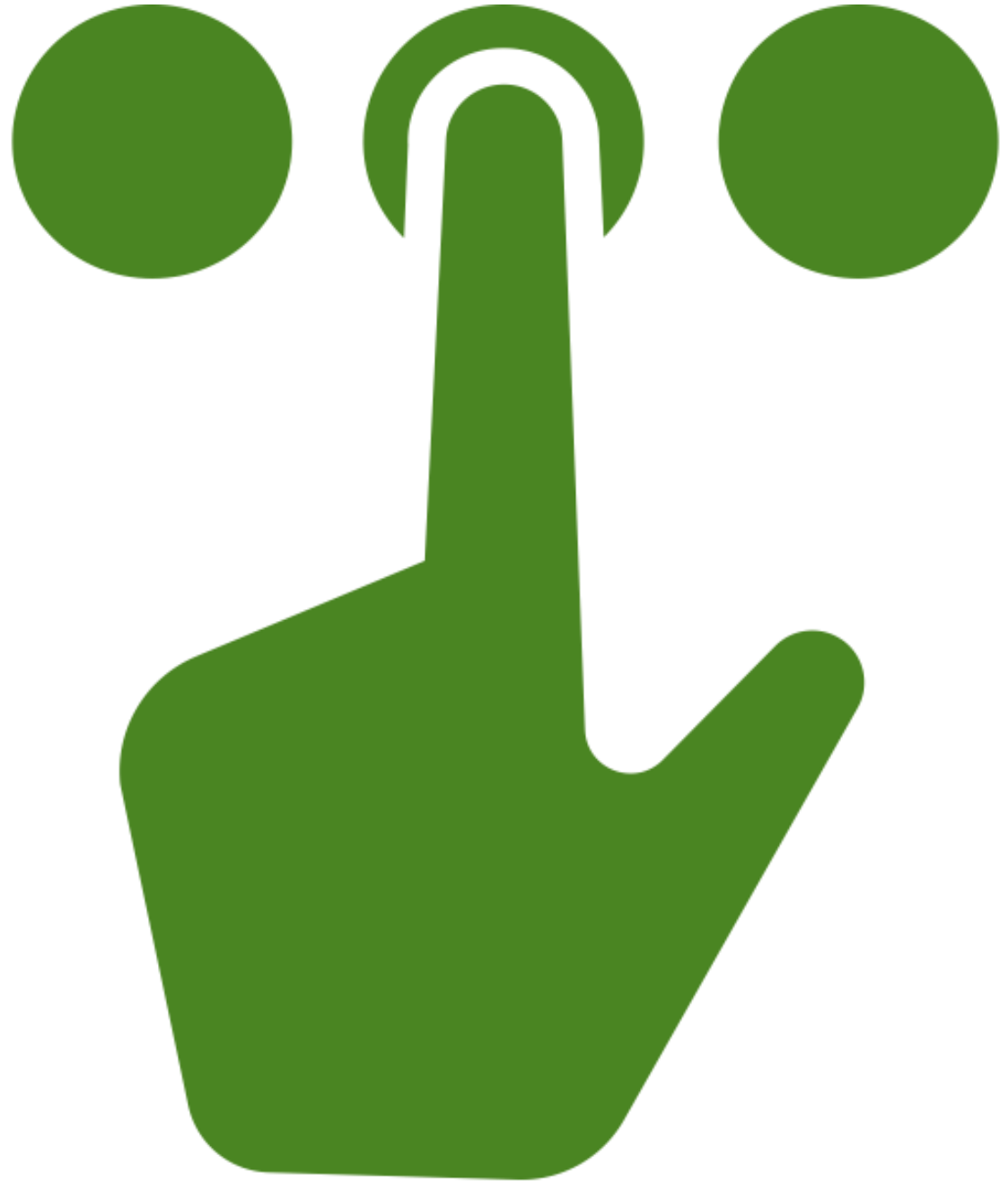


Differentiation

التفاضل



Choice
الاختيار



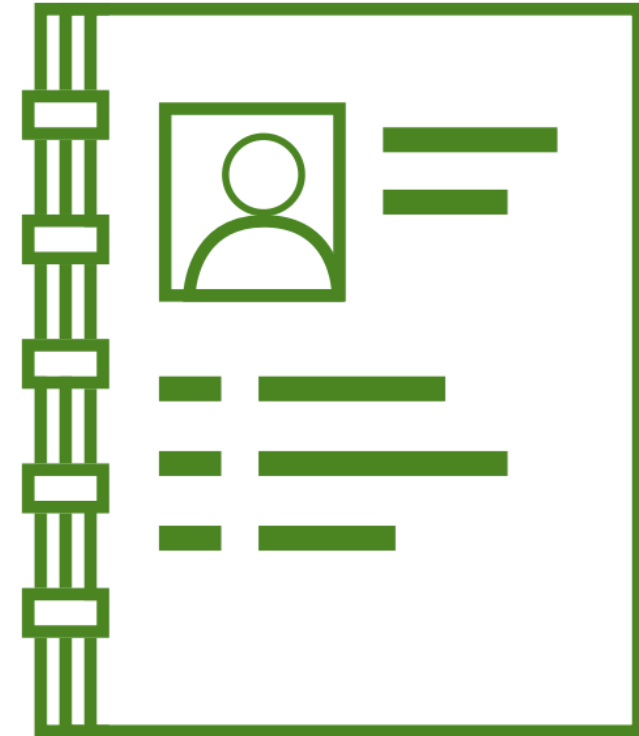
Interest

اهتمام



Content/Profile

المحتوى / الملف الشخصي



Products/Process

منتجات / عملية



Literacy

First basics, then more....

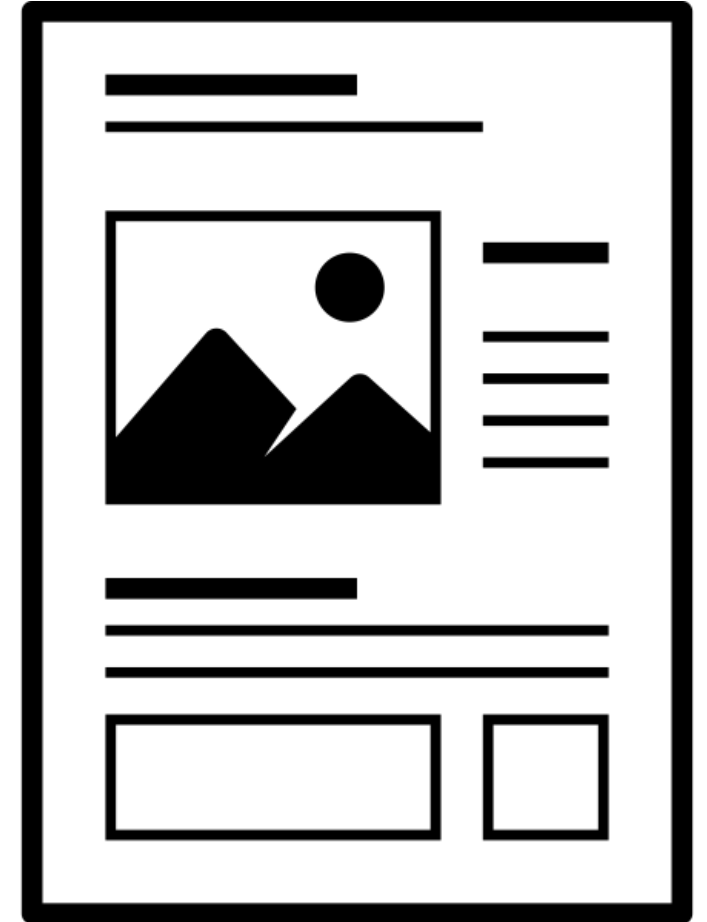
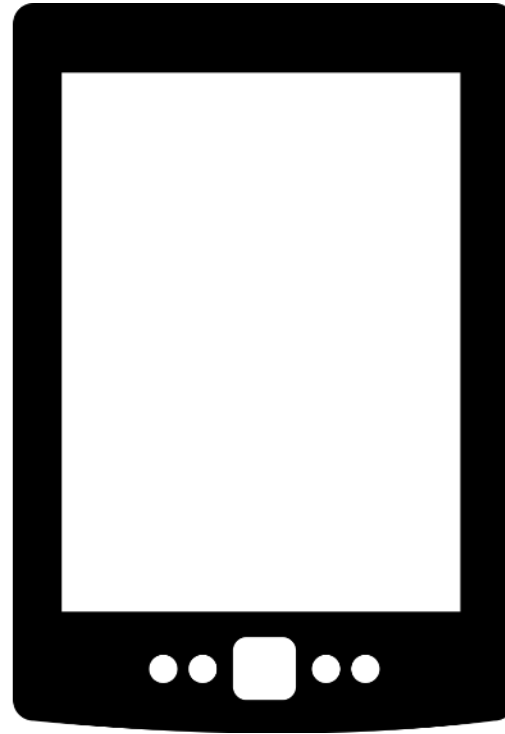
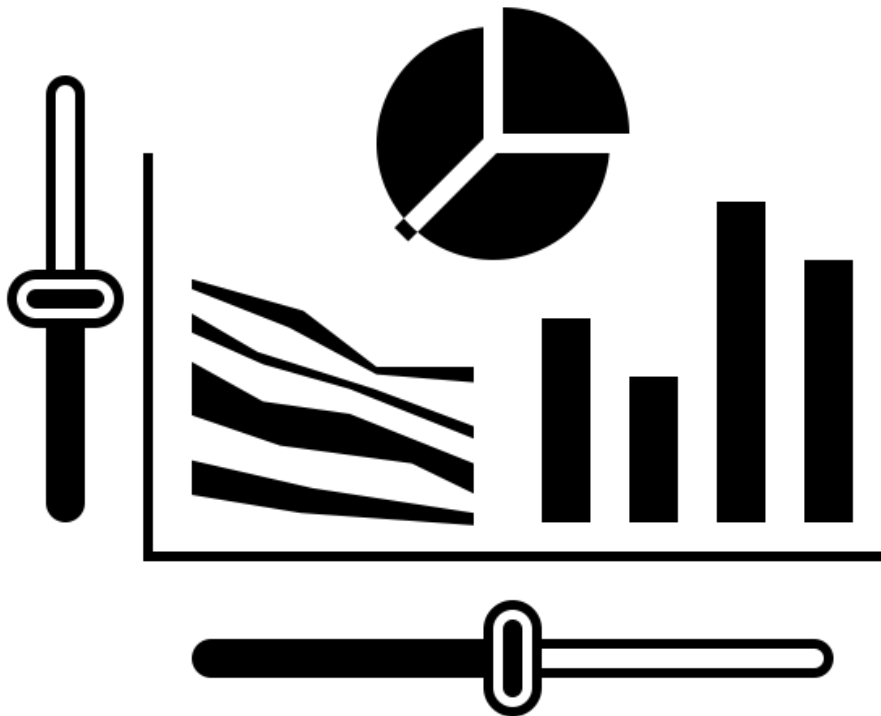
معرفة القراءة والكتابة

أساسيات الأولى، ثم أكثر



Basic Digital Literacies

الأساسية محو الأمية الرقمية



Ebooks/Etextbooks

كُتُب إلكترونية

- Creative Commons



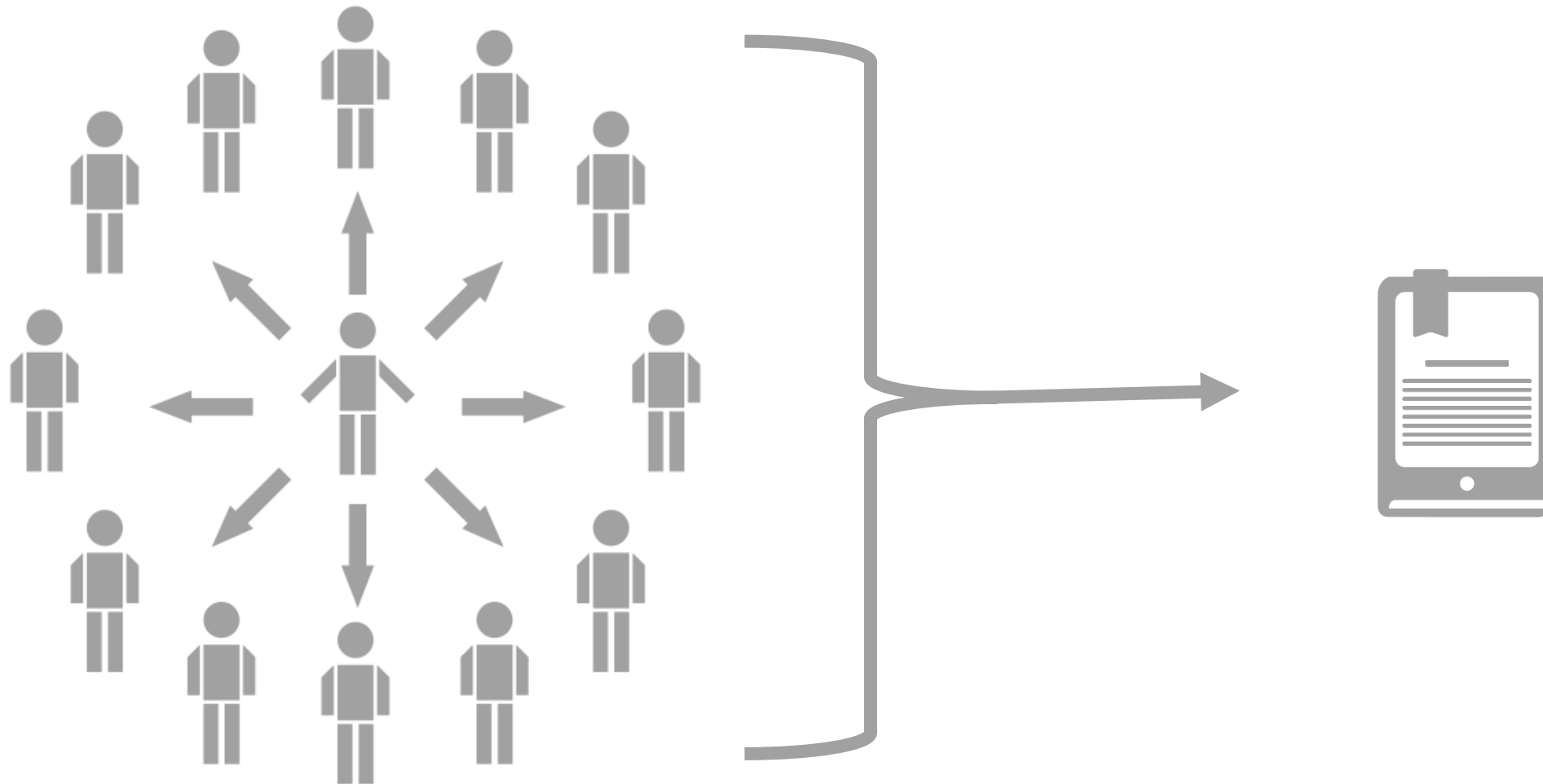
Text + Audio

النص + الصوت



Hackathon/Creation

الإبداع



Designers/Makers

مصممي / صناع



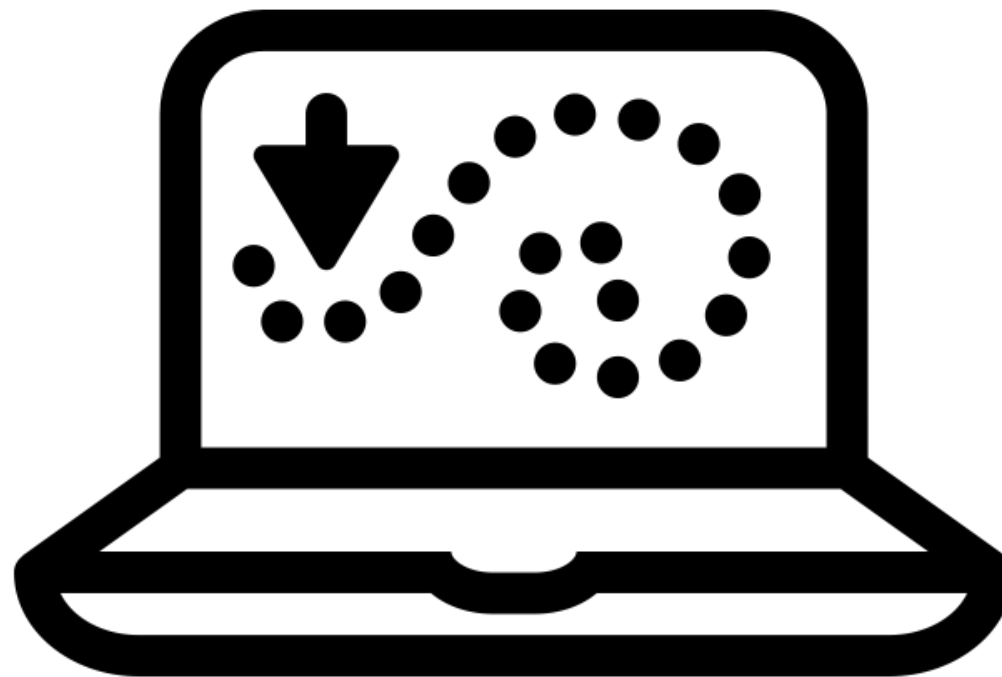
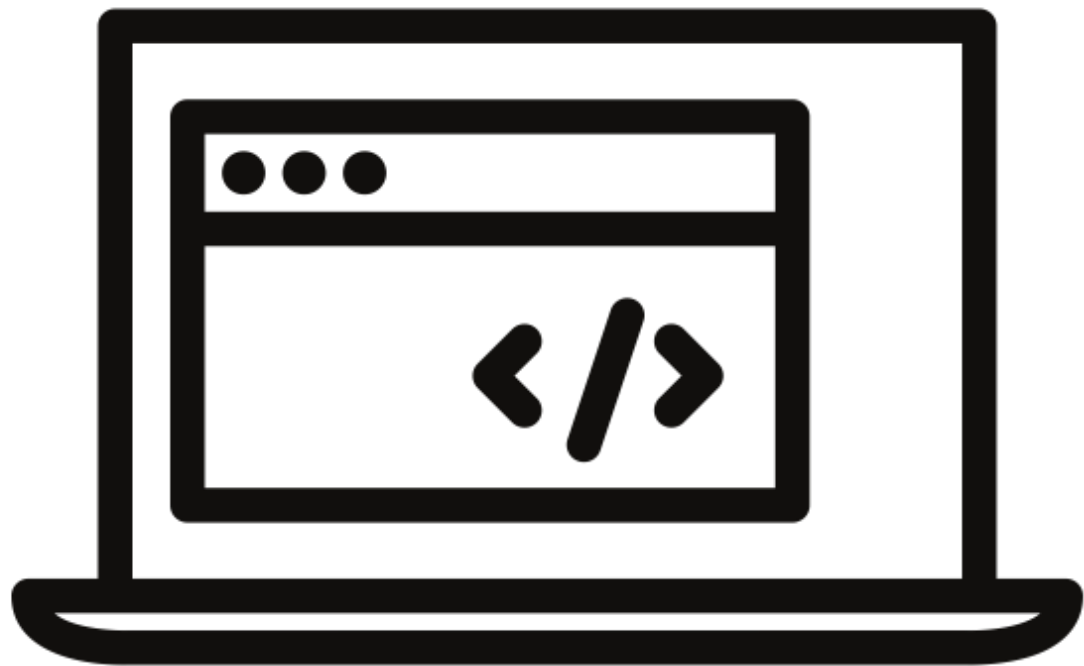
Digital Storytelling

رواية القصص الرقمية



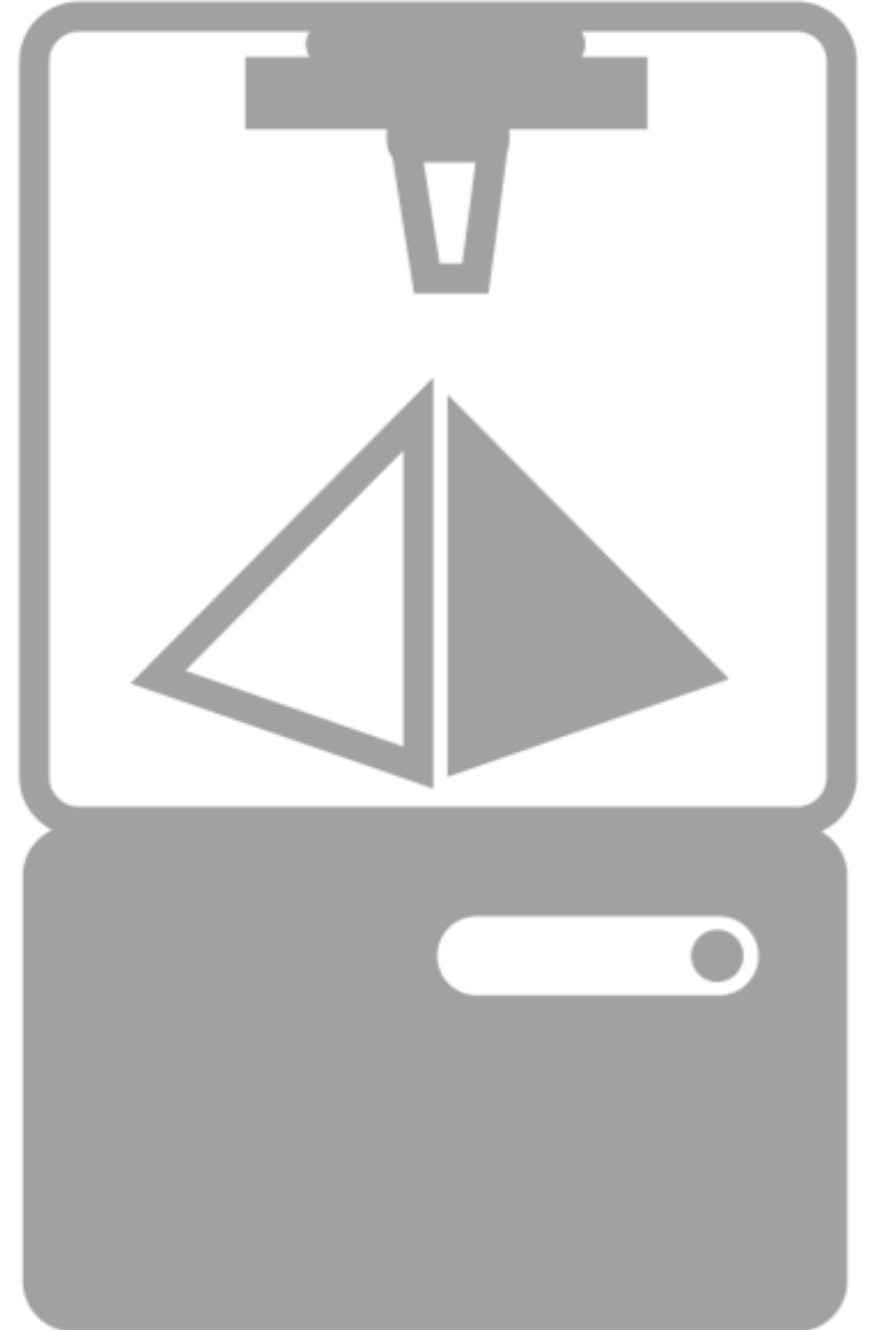
Coding & Scripting

الترميز والبرمجة



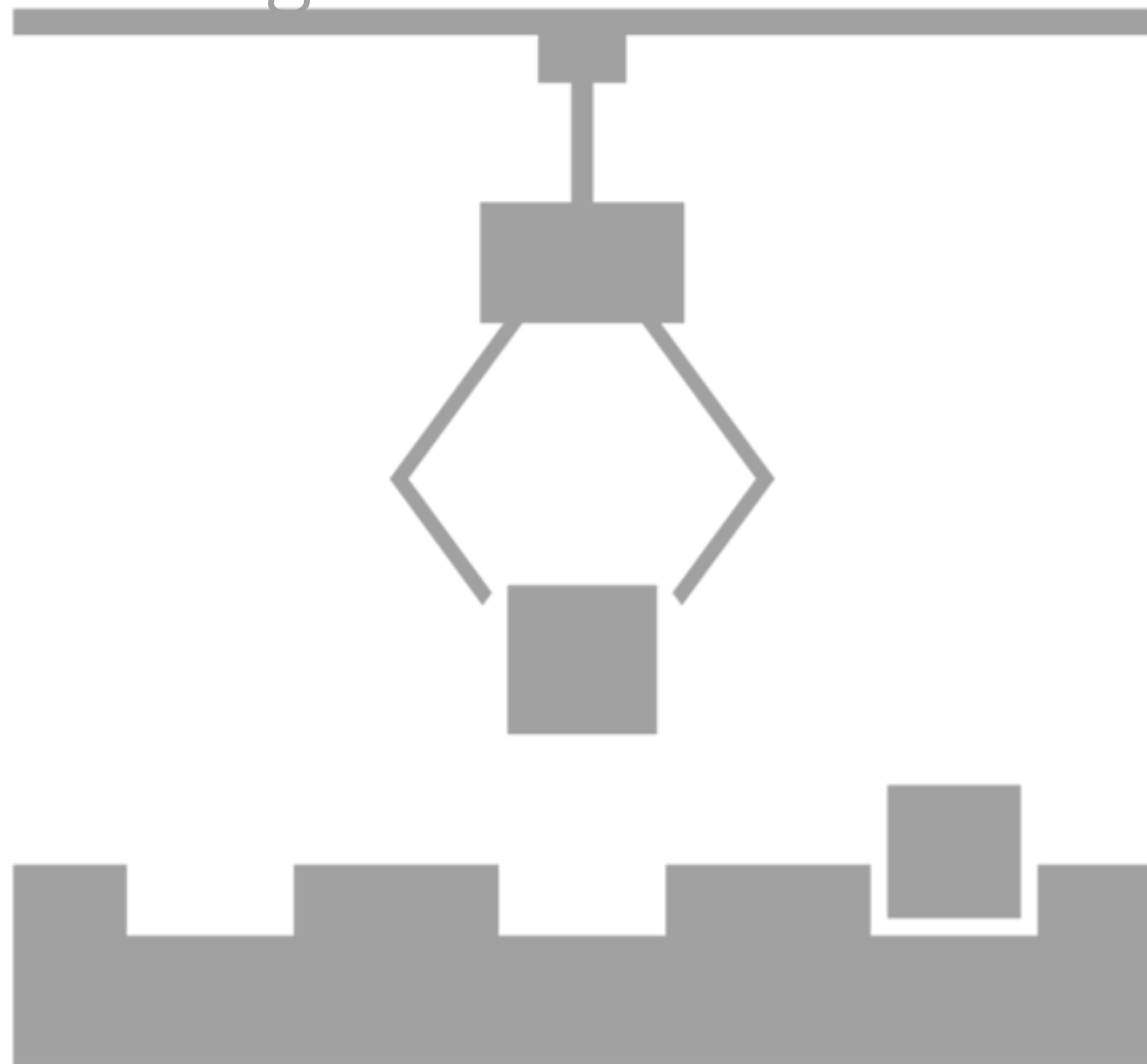
3D printing & designing

الطباعة وتصميم 3D



Plug and play manufacturing

التوصيل والتشغيل التصنيع



World employment/access

العمالة في العالم / وصول



Long tail for learning & business

ذيل طويل للتعليم والأعمال



