

NOVICE Learners

VS

Advanced Learners

I can't read! I can't write! I can't think! I can't do anything!

A BOX IS AT REST ON THE TABLE. THE 2 FORCES ACTING ON IT BALANCE.

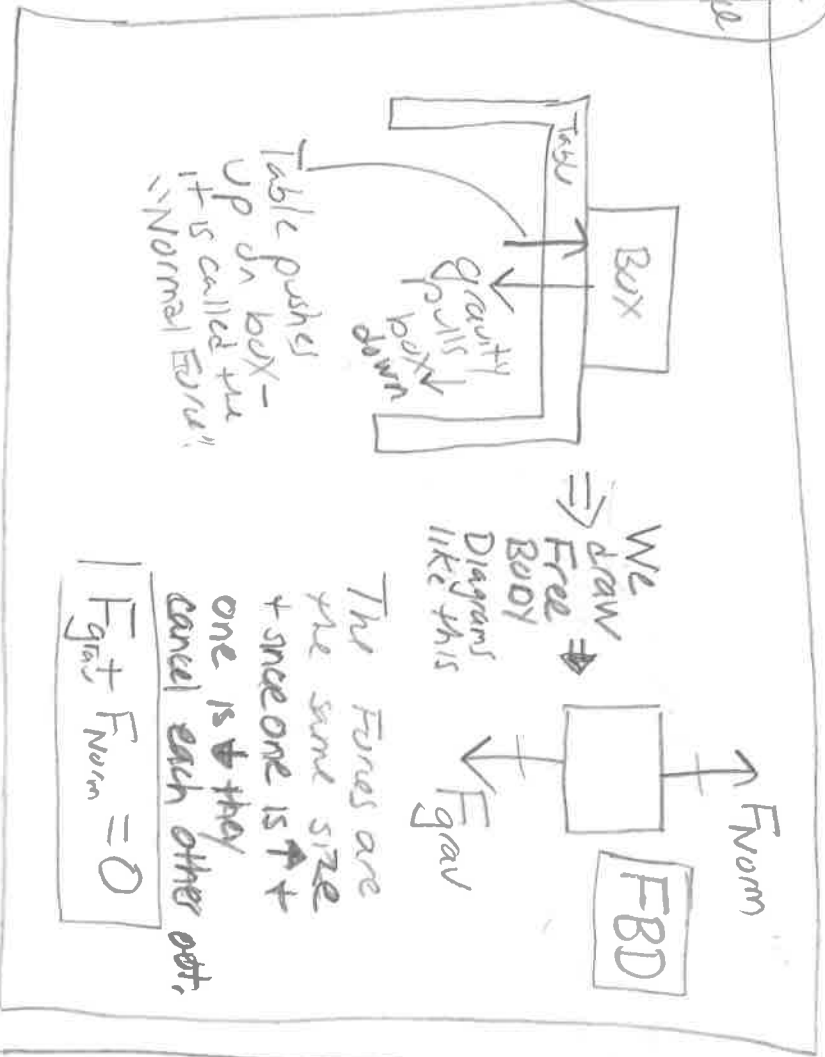
I read it + I can make a mental picture of it



but add images and



Oh I now get it now - I see the balance forces



What are researchers still studying?

STATIC vs ANIMATION

plus = good for how to

learners self-animated pace

cons = passive b/c learner do NOT

helps understand process. + can overload working memory

What are long-term benefits of graphics?

Does COBET justify use of graphics - ROI??