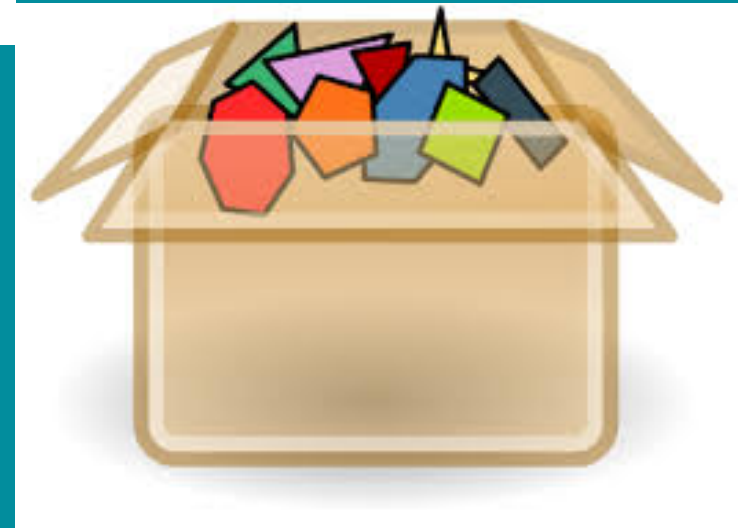
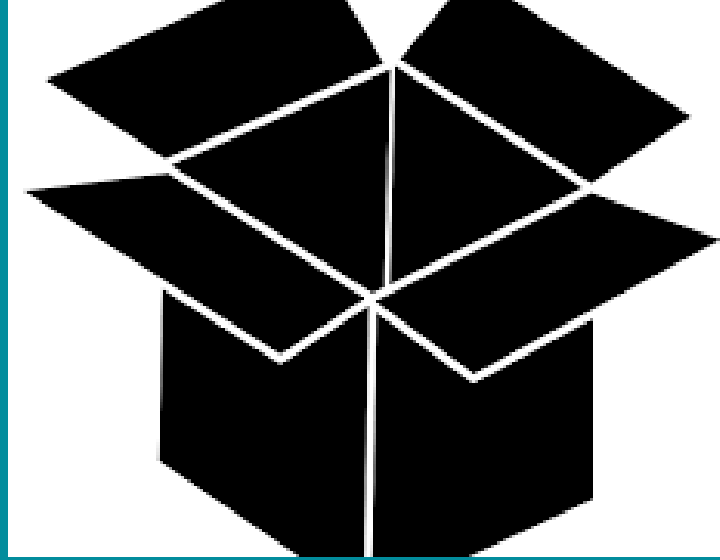


Sharing Product Info to Improve Educational Outcomes

Louise Yarnall
I/ITSEC Panel
December 2019



SRI Education™

How do we strike the right balance of transparency?



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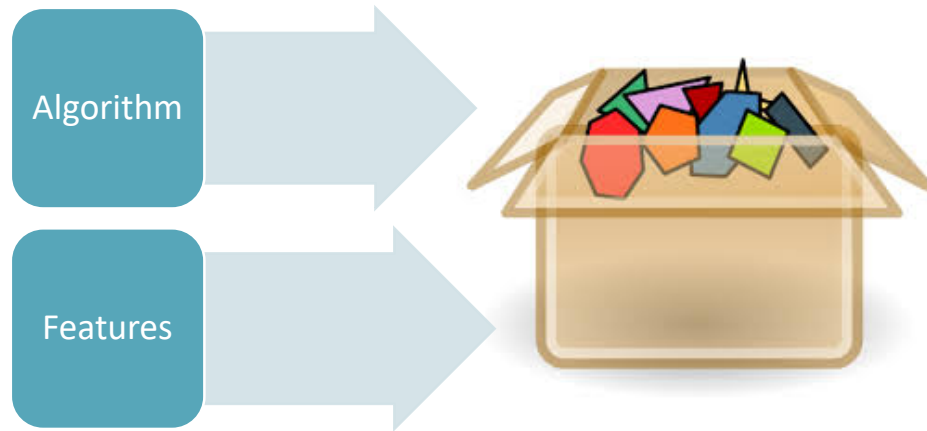
Too much information



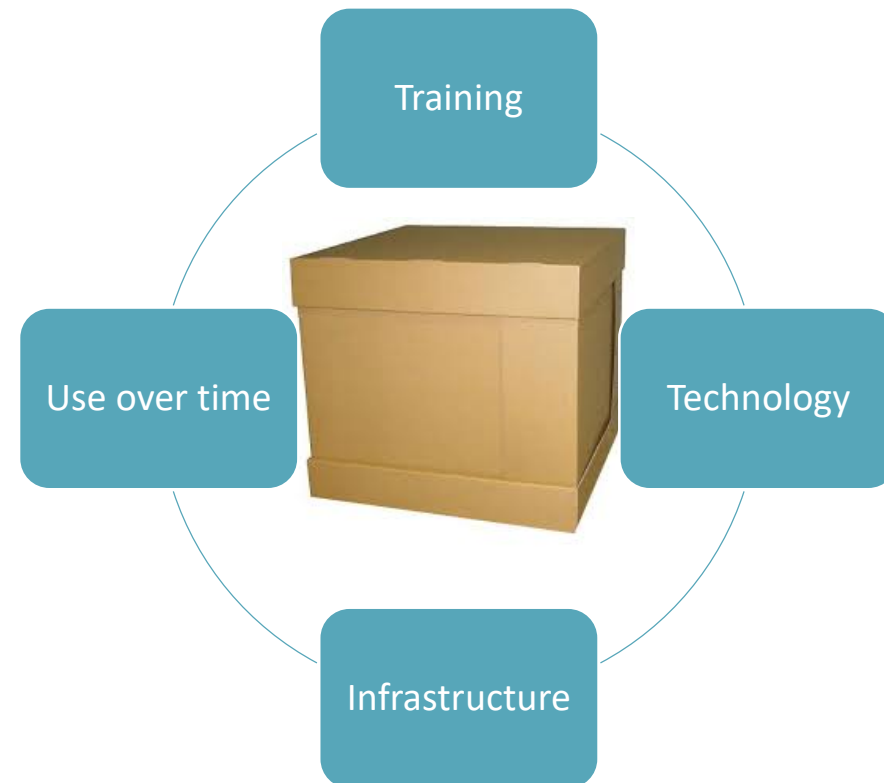
Just the right amount

2 types of information AI tutoring developers should share

What's "inside"



What's required "outside"



Examples of Inside Info

- Standard #1: Require vendors to label products with a broad characterization of their instructional algorithm approach



Good for readings
Dashboards on unit progress



Good for remedial practice

Examples of Inside Info

- Standard #2: Require vendors to describe the automated supports that learners receive



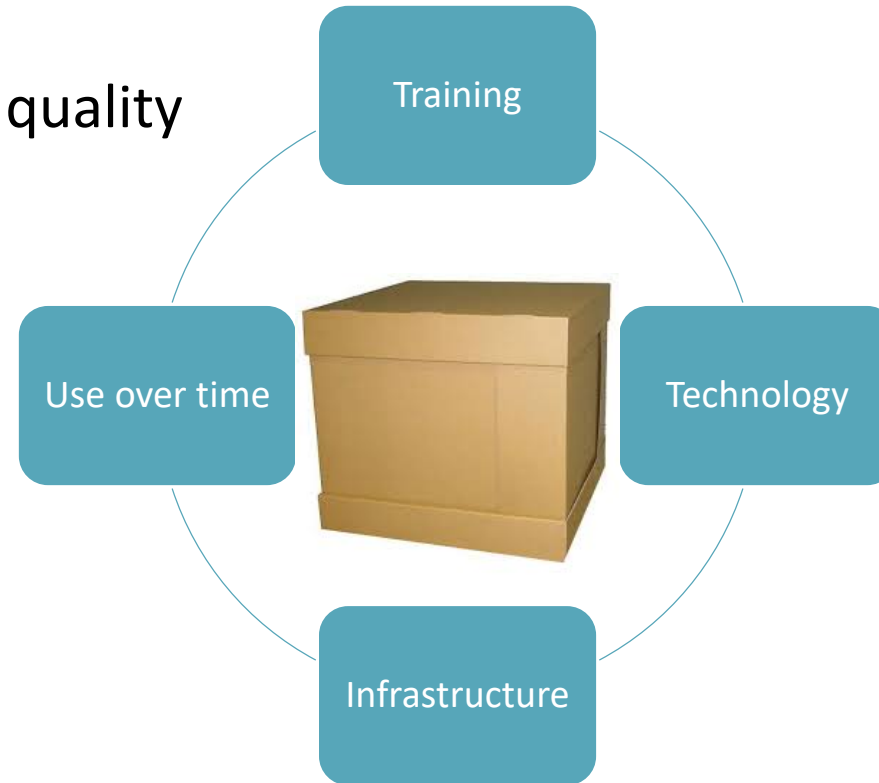
Periodic reinforcement?
Worked examples?
May learners skip units?
Elaborated feedback/explanations?



Timing of feedback during tasks?
Elaborated feedback/explanations per step?
Controls to discourage gaming?
Tracking of learner affect?

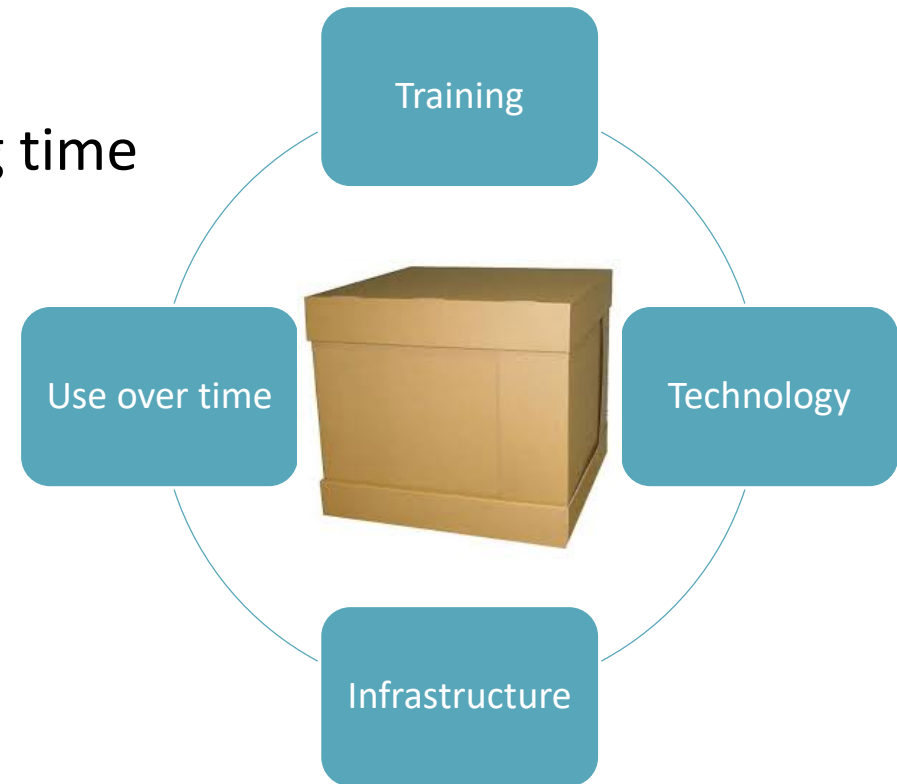
Examples of Outside Info

- Standard #3: Require vendors to provide evaluation findings on:
 - Ideal product usage rates
 - Implementation conditions
 - Note: Characterize evaluation design quality



Examples of Outside Info

- Standard #4: Require vendors to provide estimates of training & usage times for:
 - Instructors to learn tool features
 - Instructors to use tool in context
 - Note: More instructor control = more training time



*Thank you for your attention.
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