



Lernosity and adaptive testing

Give learners the optimal assessment path

Adaptive testing transforms learning

Adaptive tests have become a popular requirement for engaging learners, and improving learner outcomes.

However, adaptive testing is a complex task requiring a major overhaul of assessment authoring, delivery, and analysis.

Learnosity simplifies this process.

Why shift to adaptive?

Compared to static assessments,
adaptive tests can be:

- ◆ Fairer
- ◆ Faster
- ◆ More accurate
- ◆ Personalized
- ◆ More secure against cheating
- ◆ More engaging

The Learnosity Assessment Engine supports adaptive

- 1 Item branching
- 2 Item adaptive
- 3 Testlet adaptive
- 4 Self-hosted adaptive

Item branching

While not adaptive in a true sense, branching is an easy gateway into personalized testing because it doesn't require psychometric expertise. Items are dynamically selected based on pre-configured paths and branches depending on the learner's score.



Item adaptive

Items are dynamically selected,
one by one, based on difficulty
levels psychometrically calibrated
according to the Rasch model.

Testlet adaptive

Similar to item adaptive, but instead of selecting each individual item in sequence, small groups of items (known as 'testlets') are selected at a time and fetched together as a batch.

Self-hosted adaptive

This style allows you to implement a fully custom algorithm for selecting each item based on the learner's inputs, your own item metadata, and bespoke logic.

Assessment engine requirements

Learnsity software can be configured by the psychometricians calibrating your item difficulty levels, so we can handle your adaptive requirements:

- ◆ Advanced authoring tools
- ◆ Calibrated item bank
- ◆ Starting point
- ◆ Item selection algorithm
- ◆ Scoring procedure
- ◆ Termination criterion
- ◆ Autoscoring
- ◆ Specialized analytics



Take the direct route to adaptive testing



Let Learnosity accelerate your journey.

[Get in touch today](#)

