

Teaching with Technology: Interactive online activities



AUSTRALIAN
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What's so great about interactivity?

'Engagement' is key

- Increased time spent with course materials
- Encourages knowledge-seeking and note-taking
- Improved attention: videos with embedded quiz = much higher engagement

Ability to provide instant feedback

- more likely to complete an activity with feedback than post and reply on a discussion board
- interactions can be graded (formative or summative)

Modify existing resources to suit your Learning Outcomes



Glass Vectors by [Vecteezy](#)

Benefits of interactivity

Providing automated feedback to students enhances their motivation to engage with course materials outside face-to-face opportunities.

The addition of interactive elements into online courses improves students' learning outcomes and serves a greater range of learning styles.

Interactive elements can also provide learning analytics data to improve learning experiences or even guide interventions.



Types of interactive content

Content delivery

Uses interactivity to give students a level of control over how they interact with the content.

E.g., image hotspot, branching narratives, etc.

Knowledge check

Tests the students' understanding or application of concepts theories.

E.g., quizzes, drag and drop, match, etc.

Hybrid

Activities that both present and check understanding of the content within a single object.

Activity examples

Answer validation

Knowledge Check: Financial ratio calculation

Activity 2.7

Lel Materials' balance sheet lists total assets of \$1 billion, \$100 million in current liabilities, \$400 million in long-term debt, \$500 million in ordinary equity and 50 million ordinary shares.

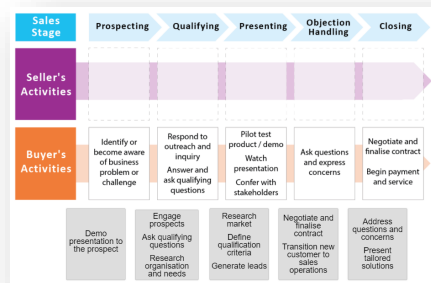
Based on the above, answer the following:

If Lel's current share price is \$50, what is the firm's market-to-book ratio?

times

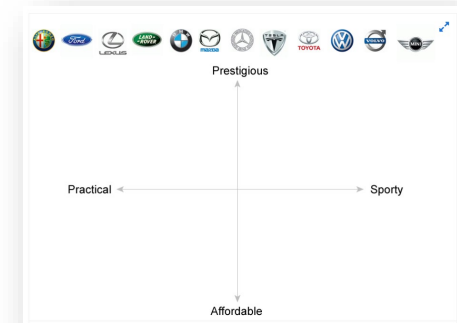
Drag and drop activity

Hybrid: Interactive process infographic



Drag and drop activity

Content Delivery: perceptual mapping



Activity examples

Image hotspot – visible

Content delivery: interactive infographic

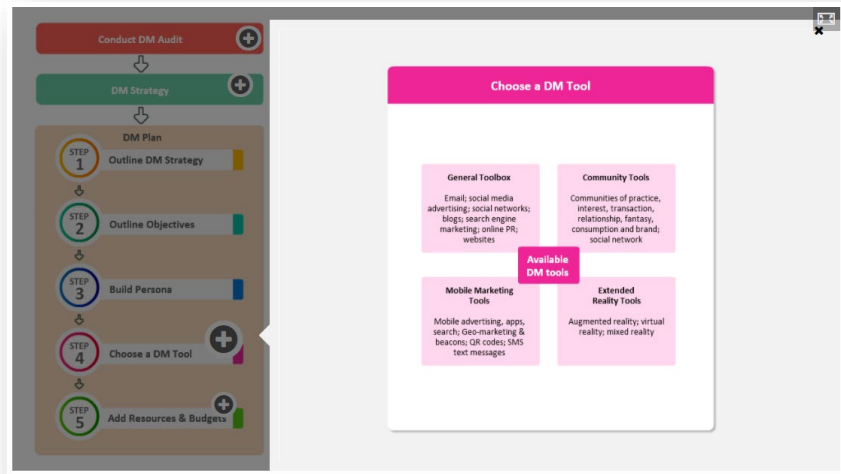
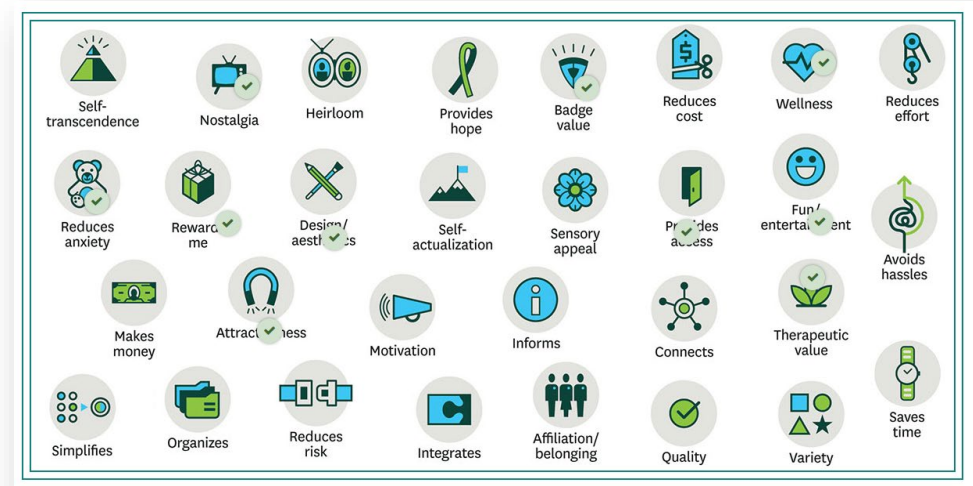


Image hotspot – hidden

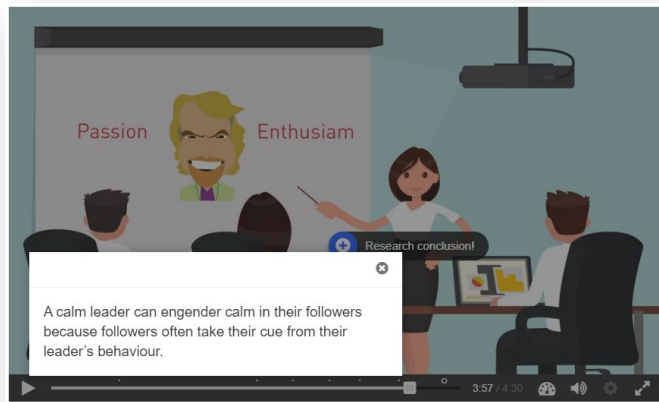
Knowledge check: identify emotional attributes



Activity examples

Interactive video

Hybrid: OCEAN Personality model



Personality Quiz

Content delivery/Self-Reflective: Research scoping

Scoping a research project (self-check)

The scope of your project will be limited by time and resource constraints. This checklist provides some of the factors you need to consider.

1 of 4

My research project can be completed within the time available

Yes

No

Unsure