Business Simulations as a Work Integrated Learning Methodology

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Theoretical Models for Business Simulations

- Tao et al (2015, p 79) indicate that in a gaming environment learning is a cyclical process and consists of the following steps: formation of playing strategy; active experimentation; state of the game world; and reflection.
- . This particular simulation has the following attributes that illustrate these steps:
- Participants are formed into teams to operate a business in a competitive market. Within the team, participants take on different roles (e.g. CEO, operations manager, CFO, sales and marketing);
- The simulation is conducted over a number of 'periods' and at the start of each period, the team must develop a business strategy for the coming period given changing market and business conditions;
- Through the implementation of their strategy in a particular period, each team realises the impact of their decision making on their business; and
- . At the end of each period, the team prepares reports on the performance and position of their business and reflect on how their decisions impacted.



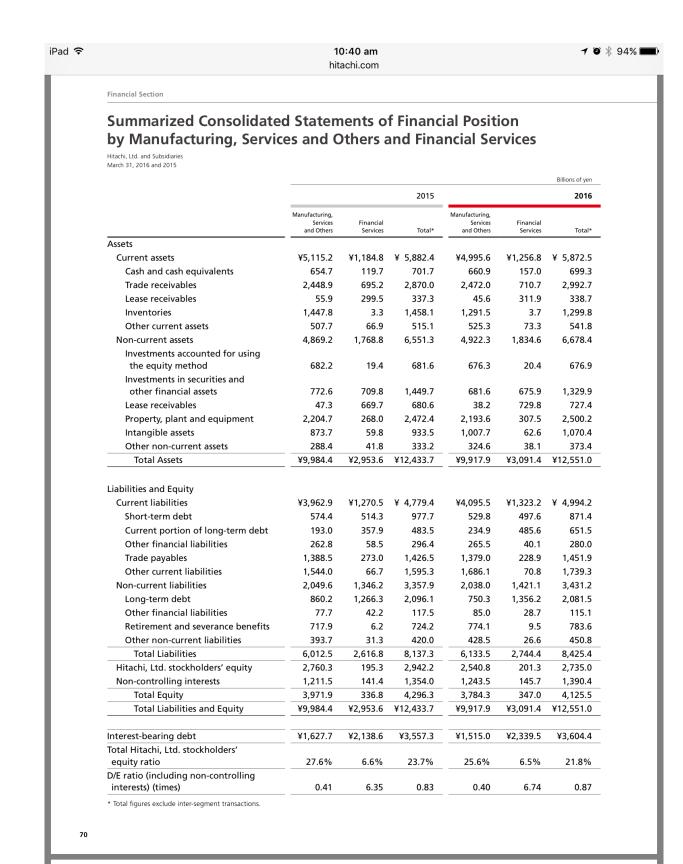
Business Simulations Provide Work Integrated Learning

- Business simulations are a learning methodology where complex real-world business decisions are designed into a game based approach (Prensky, 2002).
- . A business simulation can be designed for any industry or company and will replicate the complex business decision making skills needed by managers and executives in that industry (Naish, 2005).
- Often managers and senior executives in an organisation come from a technical background (e.g. engineering) and find they need business and financial acumen in order to operate effectively in their management and leadership roles.
- Business simulations allow managers and executives to develop and hone these skills in a 'practice' environment' (Orbanes, 2002).

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A Visual Approach to Representing Complex Financial and Business Information

- Business simulations conducted through a board game approach can illustrate very complex financial performance and financial position issues in a high impact, visual way.
- . The diagram above represents the financial performance and financial position of Hitachi Ltd for the year ended 31 March 2016.
- . Non-finance executives and managers often do not identify with complex financial and business information presented in the traditional way (see above).
- . In addition, this visual approach can be used to illustrate the impact of business decisions in a complex business environment (e.g. the impact of foreign currency transactions, the impact of taxation).





Business Simulations Cater for Different Learning Styles

- Business simulations, using a game board approach cater for different learning modalities (Barbe et al, 1979):
 - . Visual learning—complex business and financial acumen concepts and principles are represented visually using colour on a game board;
 - Auditory learning—learning 'snapshots' are provided in an auditory style, participants discuss and solve complex business decisions and principles using a team approach; and
 - . Kinesthetic learning— chips and game pieces are moved around the game board to represent complex financial and business concepts and principles.
- . A case can also be made for several of the Kolb and Kolb (2013) nine learning styles.

List of References

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