

## **Objectives:**

The objectives of the JSE Stock Market Game are to help students understand:

1. How to trade in the stock market
2. How to manage an equity portfolio
3. The costs and benefits involved in economic decision-making.

The Stock market Game will also help to promote public understanding of the stock markets and the economy and create awareness about the role of the stock market in a country's economic development.

## **What is the Stock Market Game?**

The Stock Market Game is a simulation game for the Jamaica Stock Exchange developed to promote a better understanding of the stock market and how it works. It is aimed at High School students in 4<sup>th</sup> to 6<sup>th</sup> form. It is designed to strengthen students' critical thinking skills and build confidence and self-esteem. Most importantly, the stock market game will instill an understanding of the need to save and invest at an early age.

## **Likely Impact on Students**

The Stock Market Game allows students to:

1. Play a simulated game of trading on the Jamaica Stock Exchange using imaginary funds in competition with teams from other schools.
2. Build and manage their own portfolio based on stock traded on the Exchange;
3. Compete against other students;
4. Assist with building skills and gaining investing experience;
5. Provide research resources and current market news to help make informed decisions;
6. View portfolio summaries, stock performance, order details and transaction history;
7. View charts showing portfolio performance;
8. Use Blogs to allow users to discuss portfolios;
9. View game summary highlights showing scores/positions for team;

## **Basic Operations and Rules**

1. Thirty schools will be invited to participate from a list of schools that visited the JSE over the past three years as a part of the school education programme;
2. The schools will be required to complete a registration form and fax it to the Jamaica Stock Exchange (876-967-3271)
3. The competition will run for a duration seven weeks after which the JSE will determine the winner;

4. No school will be eliminated. One winner and two runners up will be selected based on portfolio performance;
5. Each school will be assigned two investor game account access and one instructor game account access;
6. Students will be given \$100,000.00 of virtual funds, to invest in common stocks listed on the Jamaica Stock Exchange;
7. A teacher from each participating school would be responsible for a maximum of two students per school. These students will be set up on the system to participate individually;
8. Stock prices are based on real time market prices during the hours of 9:30 a.m. to the close of the market at 1 p.m.;
9. Selection of stocks for the portfolio after the close of the market will be based on the day's last traded price;
10. The portfolio trading represents 'true' activities in the market;
11. Portfolio value will be based on the end of day/real time pricing;
12. The Game will provide research resource and current market information to help make informed decisions;
13. The Game will provide a summary page showing the ranking of each school based on portfolio performance and value;
14. Students will be able to view portfolio summaries, stock performance, order details and transaction history;
15. It will be the responsibilities of the instructors and students to conduct their own research and analysis.

### **Game and Portfolio Manager Rules**

1. The game will be played between the hours of 9:30am and 8:00pm, Monday to Friday;
2. All buy and sell orders must be a minimum of 100 shares;
3. Each team begins the simulation with \$100,000.00 of virtual funds;
4. End of day game transactions are priced at market daily closing prices;
5. There will be no broker fee charged for transactions;
6. No Interest is paid on cash balance in the portfolio;
7. A record of student's portfolio and transactions will be available daily;
8. Student will not be allowed to reset their portfolio;
9. Return on portfolio will be aligned with Corporate Actions such as bonus, stock, split etc;
10. Prices should be in accordance with the Exchange Circuit Breaker rule which stipulates that should not trade +/- 15% of previous day's closing prices.
11. Only the previous day available share volume will be available for purchase;
12. It is the responsibility of the students and instructors to learn and abide by all rules.

A training/tutorial will be provided to participants of the game on how to use the technology and how to access the JSE's website and to assist with data gathering/research.

## **Integration in Curriculum**

The training of teachers will incorporate education of teachers on how the market works and will:

1. Infuse stock market into the curriculum.
2. Build a bridge between the classroom learning and the real world.
3. Provide an avenue for the development of other products/ventures to be explored with the school for continuation of the interaction between the JSE and the schools.

## **Prizes**

1. A prize to the top three students who achieves the higher value to their portfolio at the end of the session.
2. A prize for the top three schools with the combined overall best score.
3. The teachers of the top three schools will also be acknowledge/recognized.

## **Exposure**

1. Each month the website will feature the schools and students leading in the competition as well as highlights of his/her strategies employed.
2. Recorded interviews will be televised for the students who have attained first to thirds place in the competition.

## **Administration of the Stock Market Game**

1. Access to the game is through JSE's website at <http://www.jamstcokex.com> or <http://jse.com.jm>.
2. Administration and monitoring of the game will be done by selected members of the JSE and will be governed by the rules outlined.
3. User roles are defined to ensure transparency and unauthorized access. There are three user roles available, Portfolio Manager, Teacher and Student.
4. Super user access will only be granted to the Game Administrator.
5. Portfolio details for all participants can be viewed by game administrator only.

6. Each participant can view/update their own portfolio.
7. Each participant can view the portfolio of the team they are associated with.
8. 99.9% server uptime is guaranteed by the website hosts. There also are other levels of redundancy employed on the server hardware and network infrastructure.

## **System Requirements**

### **1. Internet Access**

To use the JSE Portfolio Manager and Stock Market Game, you must be able to access the Internet, either through a dial-up modem that connects through a phone line or through an ADSL connection which also connects through a phone line.

### **2. Software**

We recommend you use the latest version of either Internet Explorer or Firefox as your Web browser. You can download the software for free and check the system requirements by clicking on the links below:

1. [Microsoft Internet Explorer 6 or 7](#)
2. [Firefox 2.0](#)

While each browser has its own software and hardware requirements, we recommend you use The Stock Market Game with Windows.

You will need JavaScript and cookies enabled to run The Stock Market Game. You can change these settings in the browser's Preferences. You need to unblock pop-ups and will need to download [Adobe Acrobat Reader](#) in order to view the user manuals.

## **Endorsement and Sponsorship**

1. The Stock Market Game has been endorsed by the Ministry of Education.