

INVESTMENT STRATEGIES PROGRAM



JA
Canada


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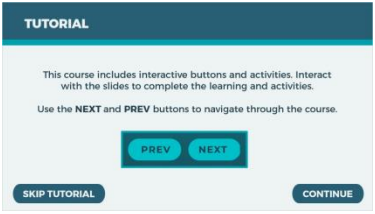




JA Investment Strategies Program Presenter Notes

Module 7: The Stock Market Simulation

The Presenter Notes are intended to be used in combination with the digital classroom learning modules and Student Guide. The Student Guide includes activities to support the concepts covered in the learning modules and a glossary of key terms.

This module will take approximately 50-70 minutes to complete. You may choose to complete all of the activities or a selection based on your group of students and time available.

Introduction (5 min)	
Risk 	Navigation Tips <ul style="list-style-type: none">• Navigate through the slides using the next or previous buttons (bottom right), clicking or tapping on the slide or using the navigation menu• Look for slide-specific instructions in the presenter notes below

<p>Tutorial</p> 	<p>Optional: This will help us move through the module. If you choose to revisit this content on your own time, you can refer back to this tutorial for step-by-step guidance on how to navigate through this course.</p>
<p>Learning Objectives</p> 	<p>Optional: Review the learning objectives for Module 7.</p>
<p>Stock Market Simulation Versus Real Markets (5 min)</p>	
<p>Stock Market Simulation Versus Real Markets</p> 	<p>Select the “Let’s go” button to begin.</p>
<p>Stock Market Simulation Versus Real Markets</p> 	<p>Use a Think-Pair-Share model to engage students.</p> <ul style="list-style-type: none"> • <i>Think:</i> Ask students to individually consider what the word “simulation” means in any context they can think of. • <i>Pair:</i> Have students discuss their definitions with a partner. • <i>Share:</i> Invite a few pairs to share their definitions with the class. This activates prior knowledge before you introduce the formal definition on the next slide.
<p>Stock Market Simulation Versus Real Markets</p> 	<p>Connect the students' shared definitions of the term "simulation" to the stock market simulation definition presented on the slide.</p> <p>Emphasize the key phrases, "risk-free environment" and "virtual money."</p> <p>To ensure understanding of foundational concepts, have students recall what trading means.</p> <ul style="list-style-type: none"> • Ask: We've seen the term trading before. Who can remind us what it means? • Trading refers to the buying and selling of assets such as stocks.

Stock Market Simulation Versus Real Markets

STOCK MARKET SIMULATION VERSUS REAL MARKETS



Junior Achievement created the stock market simulation to mimic the real stock market, allowing you to invest in stocks without using real money.

For this simulation, teams only have a few weeks to build their portfolio. But remember, in the real world, investment strategies should focus on long term growth.

Review the slide and activate prior knowledge by asking students why a long-term approach is usually recommended for real-life investing.

Possible Answers:

- Steady growth over time through compound interest
- Riding out market volatility
- Avoiding emotional decisions based on fear or hype
- To support long-term life goals like retirement or buying a home
- Lower risk

After a brief discussion, use the content on the slide to explain that the simulation's short timeframe (a few weeks) requires a strategic shift.

Frame this as a key learning point: the importance of adapting investment strategies to fit the specific context, especially the time horizon.

Introduction to the Simulation (5 min)

Introduction to the Simulation



INTRODUCTION TO THE SIMULATION

LET'S GO

Select the "Let's go" button to begin.

Using the Simulation

USING THE SIMULATION

What happens during the simulation is not a guarantee of how you would do as an investor in the real markets.

Remember this is a learning platform. Practice various strategies, research companies from different exchanges and don't be afraid to take chances!



Emphasize that the simulation is a "learning laboratory" where students can experiment without real-world financial consequences. Encourage a mindset of active learning.


Ask: What is one strategy or idea about investing that you've been curious to try out? This is your chance to test it.

Reinforce that the goal is to learn by doing, and it's okay to make mistakes and take calculated chances.

Rules of Play

RULES OF PLAY

- Teams have **\$100,000** to buy stocks on the **TSX, NYSE** and **Nasdaq**. Teams can borrow an additional \$50,000 if needed.
- A management fee of **\$25** is charged for every trade.
- Once a team agrees to the trade on the confirmation screen, the transaction cannot be reversed or revised.
- There are restrictions around volume, day trading, purchase price and types of shares teams are permitted to trade. The simulation will have pop-up messages to help you.
- Check out investia.org/tules for all the rules of play.
- Teams must disclose any unfair advantage (i.e., a bug in the game) or they could be disqualified.



Briefly review the key rules presented on the slides, providing the "why" for each to build understanding.

- **\$100,000 Starting Cash:** This gives every team a level playing field.
- **\$25 Management Fee:** This simulates the real-world costs associated with making trades.

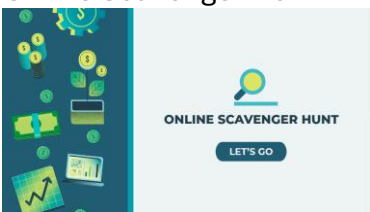


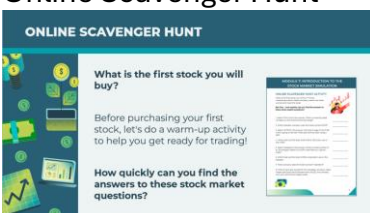
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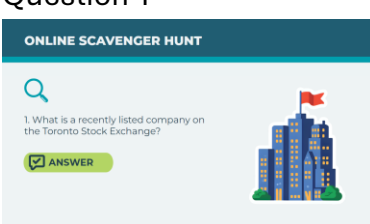
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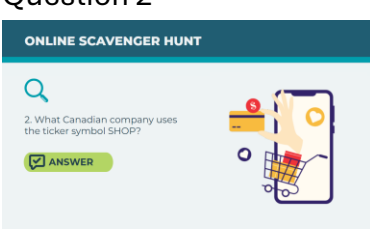
	<ul style="list-style-type: none"> • No Reversals: This rule teaches the importance of careful decision-making and double-checking trades before confirming. • Disclose Unfair Advantages: Frame this as a lesson in market integrity, a critical concept in real-world finance. <p>Direct students to the https://www.investja.org/rules link, explaining that this is their official "rulebook" for the game and that they should refer to it if they have any questions.</p> <p>Facilitator tip: Students can reference a summary of the rules in their Student Guide, page 2.</p>
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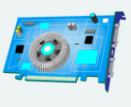


Online Scavenger Hunt (25 min)



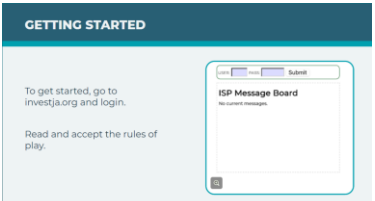
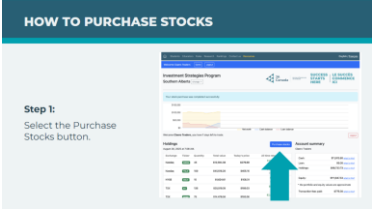
<p>Online Scavenger Hunt</p> 	<p>Select the "Let's go" button to begin.</p>
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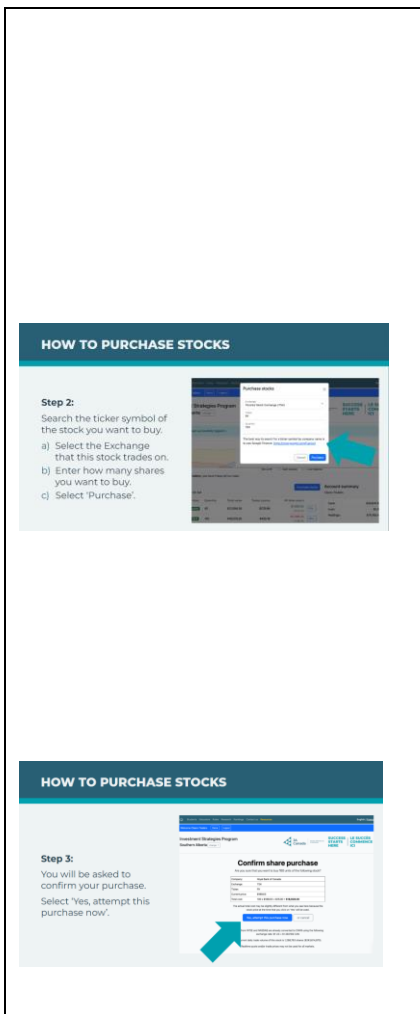
<p>Online Scavenger Hunt</p> 	<p>Invite students to complete the Online Scavenger Hunt and ask students to research the answers.</p> <p>They can document their answers in their Student Guide, page 3. Once the students are done, review the answers with the class using the following slides.</p>
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<p>Question 1</p> 	<p>Facilitator tip: If students need help, instruct them to visit TMX.com, open New Listings (TSX/TSXV) and pick a recent listing. They will record the company name and ticker. Answers will vary by date.</p> <p>Read the question and invite students to share their responses. Ask a few students to share what they found to show a range of possibilities.</p> <p>Select the answer button to reveal the answer.</p>
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<p>Question 2</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: Shopify</p> <p>Note that Shopify is a major Canadian tech success story.</p>
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<p>Question 3</p> <p>ONLINE SCAVENGER HUNT</p> <p> 3. A familiar image of the NYSE is the ringing of the bell. What year did they start using a bell?</p> <p><input checked="" type="checkbox"/> ANSWER</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: Bells were first used at NYSE in the 1870s, which was a gong. But in 1903, when the NYSE moved to its current building, the gong was replaced by a brass bell.</p> <p>Briefly explain that the bell ringing is a symbolic tradition that signals the start and end of the trading day, often performed by leaders of publicly traded companies.</p>
<p>Question 4</p> <p>ONLINE SCAVENGER HUNT</p> <p> 4. What ticker symbol does Warner Bros. Discovery use on the NYSE?</p> <p><input checked="" type="checkbox"/> ANSWER</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: WBD</p> <p>Warner Bros. Discovery, a major media/streaming company. Point out that the ticker reflects the company’s initials following the WarnerMedia–Discovery merger.</p>
<p>Question 5</p> <p>ONLINE SCAVENGER HUNT</p> <p> 5. What is a ticker symbol of an Exchanged Traded Fund (ETF) identified as a "gainer" today?</p> <p><input checked="" type="checkbox"/> ANSWER</p> 	<p>Facilitator tip: If students need help, instruct them to visit nasdaq.com, check ETFs → Top Gainers (today) and capture an ETF’s ticker and name.</p> <p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: Results change intraday (within a single trading day), so answers will differ. Ask a few students to share what they found to show a range of possibilities.</p>
<p>Question 6</p> <p>ONLINE SCAVENGER HUNT</p> <p> 6. What ticker symbol does NVIDIA corporation use on the Nasdaq?</p> <p><input checked="" type="checkbox"/> ANSWER</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: NVDA</p> <p>NVIDIA Corporation is a leading semiconductor company known for GPUs and AI chips. Use this to show how well-known brands often have short, memorable tickers.</p>
<p>Question 7</p> <p>ONLINE SCAVENGER HUNT</p> <p> 7. What company does the ticker symbol T represent?</p> <p><input checked="" type="checkbox"/> ANSWER</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: It depends on the exchange! On the NYSE, T is AT&T INC. On the TSX, T is TELUS Corporation. It’s important to make sure you always select the right exchange.</p>

	<p>Use this as a key teaching moment. Emphasize that the same ticker symbol can represent different companies on different exchanges (NYSE vs. TSX). This highlights the critical importance of verifying the stock exchange before trading.</p>
<p>Question 8</p> 	<p>Read the question and invite students to share their responses. Select the answer button to reveal the answer.</p> <p>Answer: Trick question! MLSE is a privately held company which owns the NHL's Toronto Maple Leafs and the NBA's Toronto Raptors. Since it is a private company, there is no ticker symbol, and it cannot be traded on the stock market.</p> <p>Explain that this is a trick question to highlight the important difference between private and publicly traded companies. Clarify that you can only buy stock in public companies.</p> <p>Ask: Why might a company choose to stay private? (e.g., more control, no obligation to shareholders).</p>
<p>How to Build Your Portfolio (10 min)</p>	
<p>How to Build Your Portfolio</p> 	<p>Select the “Let’s go” button to begin.</p>
<p>Getting Started</p> 	<p>Tell students they will now explore how to build their portfolio on the simulation platform. Invite them to visit investja.org, log in, and accept the rules of play.</p> <p>Facilitator tip: Students can reference their Student Guide, page 4.</p>
<p>How to Purchase Stocks</p> 	<p>Review the steps for buying a stock.</p> <p>Facilitator tip: Before the session, confirm you have an active login to the simulation platform and sign in to your facilitator/demo account. During the session, open the platform and walk through the steps with participants using a SMART Board, projector, or screen share. As you demonstrate each step on the screen, narrate the process clearly (If you don’t have a login, request one in advance or use the provided screenshots).</p>



Step 1:

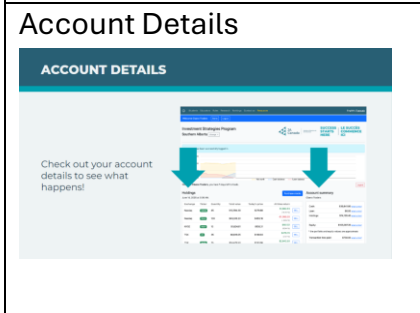
- Select ‘Purchase Stocks’: Clearly point out the button’s location.

Step 2:

- Select Exchange: Explicitly show how to select the correct stock exchange (TSX).
- Search Ticker: Use a familiar example from the scavenger hunt (e.g., SHOP).
- Enter Quantity: Explain that you are buying a specific number of shares.

Step 3:

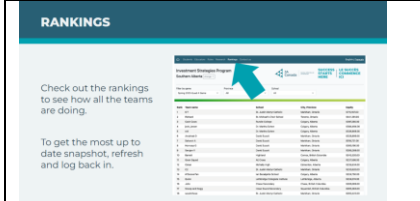
- Confirm Purchase: Pause on the confirmation screen. Emphasize that this is the final "point of no return," referencing the "no reversals or revisions" rule.



Account Details

Continue the live demonstration after the purchase is complete.

Highlight the account details that can be found by navigating to the main dashboard. Point out the "Holdings" section to show the newly purchased stock. Then, move to the "Account Summary" and briefly define the key terms shown: Cash, Holdings, Equity, and Transaction fees paid.



RANKINGS

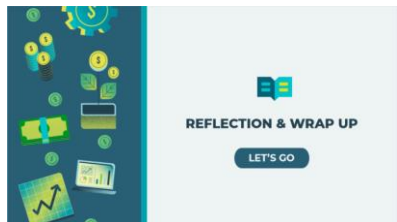
Navigate to “Rankings” from the top menu bar to show students where to find the rankings page.

Frame this as a tool for friendly competition and for seeing how their portfolio value compares to others over time.

Explain that the data is based on real market information but may have a slight delay. To get the most up-to-date snapshot, they may need to refresh the page or log back in.

Reflection (20 min)

Reflection & Wrap Up



Select the “Let’s go” button to begin.

Tips to Remember



Remind students that the stock market simulation is pulling real data, so keeping up to date on current events is important for their strategy!

Reinforce that the strategies they use in the simulation may be different than the strategies they would use in the real world, given the short duration of the simulation.

Emphasize that in real life, it’s important to take a long-term approach to investing to build wealth slowly over time.

It’s Time to Play the Simulation



Distribute student logins and allow the students as much time as possible to select their stocks and execute a trade on www.investja.org.

Invite students to answer the prompts on page 5 of their Student Guide:

- *What is the first stock you will buy today? What factors helped you decide this?*
- *If you could invest for years (instead of weeks), share one way that your trading strategy could be different.*

Once they have made their first trade, invite them to continue building their portfolio.


Facilitator Tip: Circulate the room to provide support and ask probing questions on why they have selected the stocks for their portfolio.

Challenge them to purchase stocks in at least two companies. Suggest investing in at least one Canadian



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	<p>company. Reiterate the importance of diversifying to reduce risk.</p>
<p>End</p> 	<p>The lesson is complete! The classroom teacher can collect the Student Guides and review the completed activities.</p> <p>This is a great opportunity for formative assessment to check for understanding of the key concepts covered in this module.</p>