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Big Ideas

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Develops

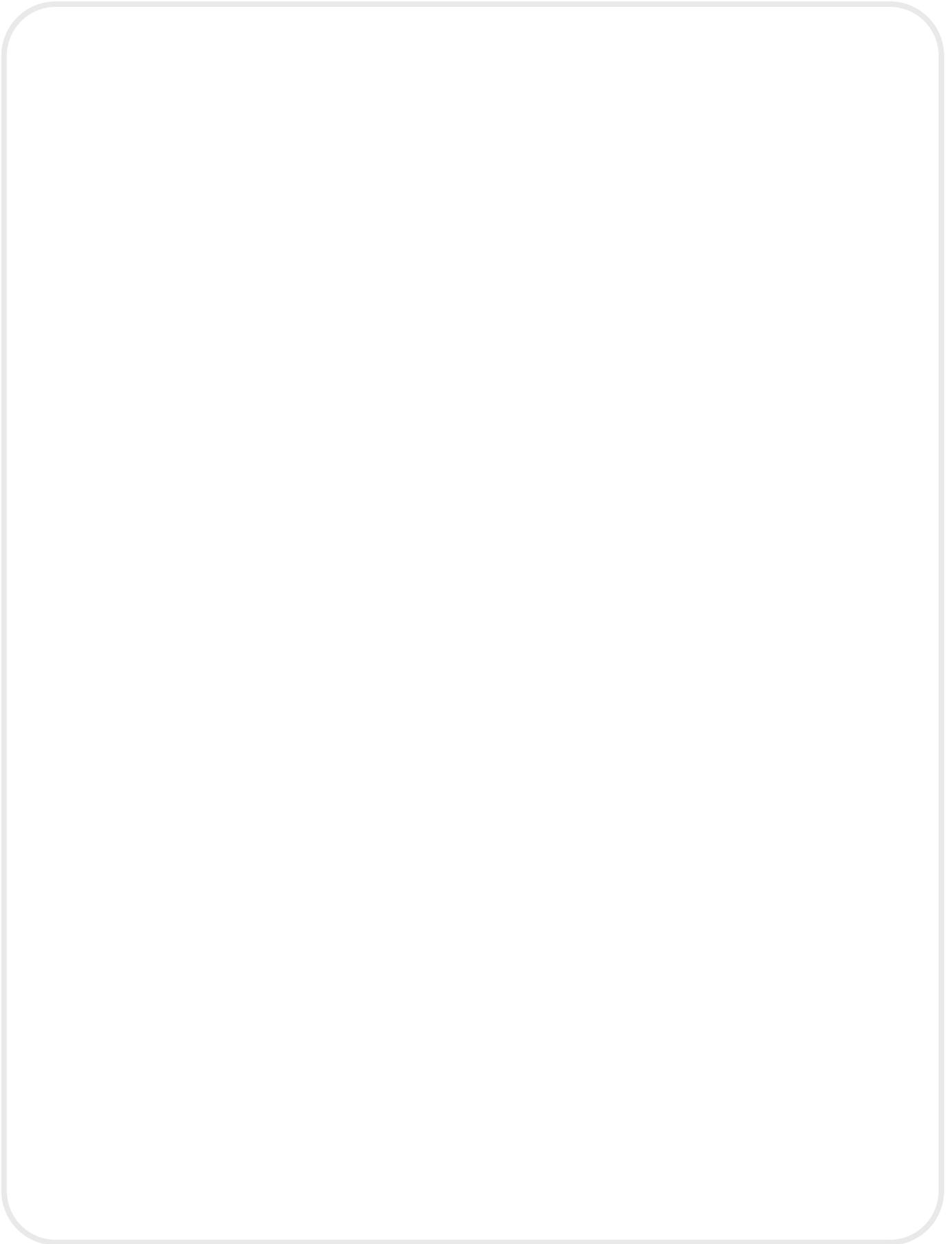
- Character
- Citizenship
- Collaboration
- Communication
- Creativity
- Critical Thinking
- Inquiry Process
- Metacognition (Reflection)

Includes

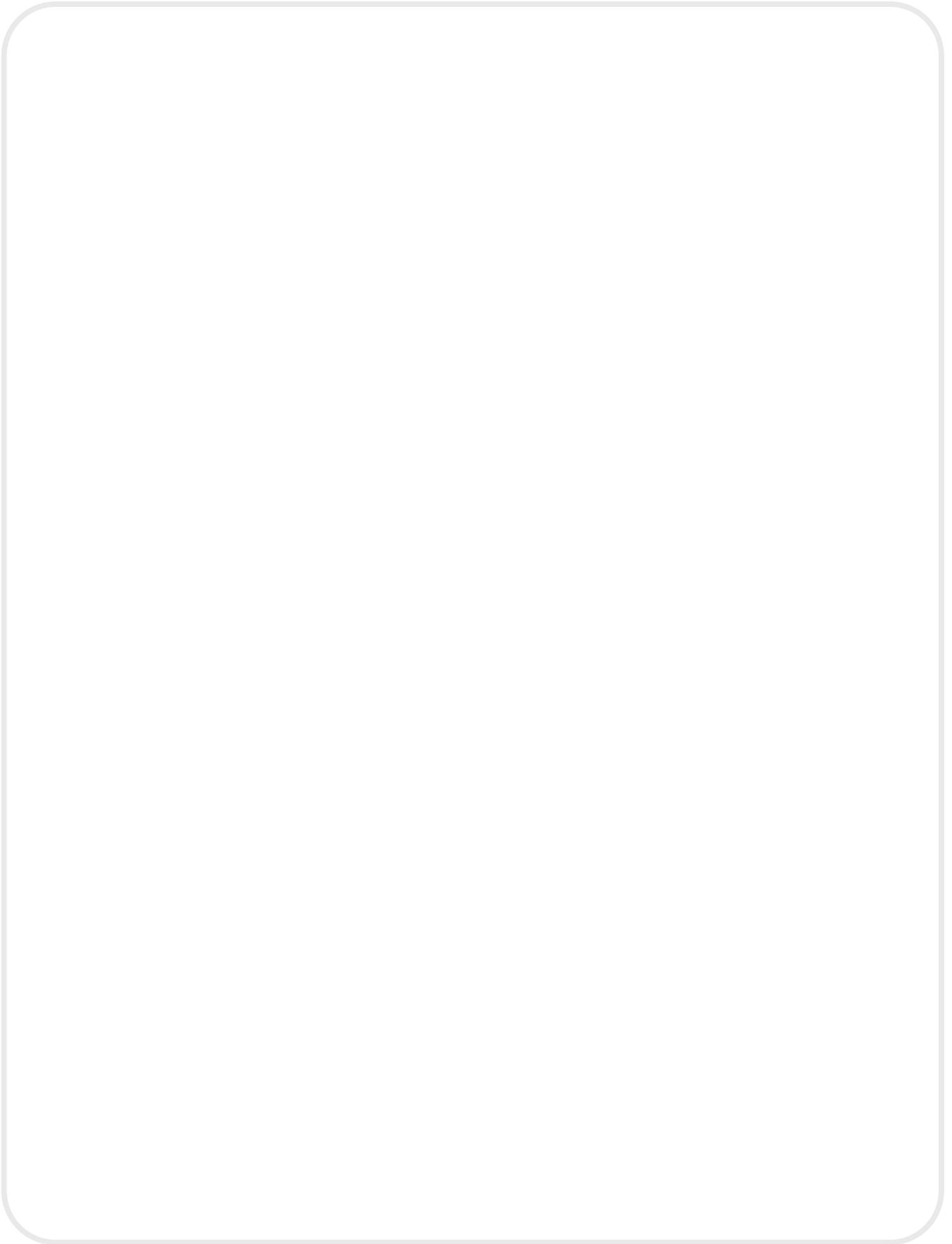
- Universal Design for Learning



## Process & Pedagogy



## Process & Pedagogy



# Florida State Standards for Computer Science

Language Arts

English Language  
Development

## Science Standards

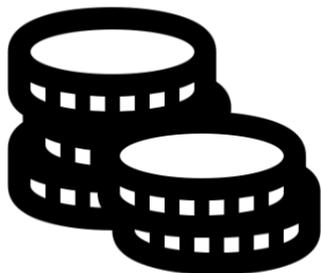
*Overall  
Expectations*

*Specific Expectations*



## Technology in Money: Wealthsimple

### –“Put your money on autopilot”



Wealthsimple is an investment advising company founded in 2014, based right here in our great city of Toronto! It is no surprise that dealing with money can sometimes be... tough. Whether you're a child in middle school earning allowance from your parents, helping with chores around the house for a few dollars, a student in university working part-time to save some money for education, or even if you're the owner of a multimillion dollar company investing in the newest and greatest in startup companies and technology; everyone has to manage a bit of money here and there and think about growing their revenue in the future.

Wealthsimple makes investing (buying a piece of a company - a “stock”) easy by using a modern investment technology and mindset known as “modern portfolio theory” which suggests that money should be invested diversely, simply put, “put your eggs in lots of different baskets”. Through this method, Wealthsimple can plan out investments (no matter how much money you want to start with), and make investing easier by providing a service that basically “puts your money on auto- pilot”. Through this they have grown to be in charge of over

\$2,000,000,000 of people's money. That's a lot of zeros!

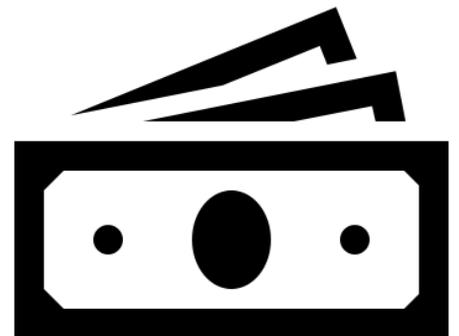


## Mini Mission #1:

Work together as a group and come up with a list of 10 things that you all think are the most important things every person should save money for (or budget money towards) to be able to afford a healthy and happy life. Rank the list in order of most important to least important and then provide a brief explanation for the reasoning behind the ranking. Include this list in your final Bristol board copy along with the other missions.

## Mini Mission #2

Let's manage some money! You and your group are given \$80,000 and you must decide how to divide this money between the following list of things (how much of the total money you would spend on each of these items in one year):



- . Shelter
- . Household operations
- . Video games\*
- . Household furnishings and equipment
- . Personal care
- . Recreation
- . Food expenditures
- . Miscellaneous expenditures (ie: stuff)
- . Health care
- . Clothing and accessories
- . Candy and junk food\*
- . Education
- . Transportation
- . Reading materials and other printed matter



The following portion of this mission below is only to be done after groups have allocated their spending for the above items.

After you are done, compare your list with what you see on the list of average Canadian household expenditures per year. Decide if your group's list does a better job at dividing expenses - or not. The link to the Average Canadian Expenditures can be found here: <http://www.statcan.gc.ca/tables-tableaux/sum-som/l01/cst01/famil130a-eng.htm>

\*(please note that for the purposes of our project we will refer to "Tobacco products and alcoholic beverages" as "candy and junk food", and "games of chance" as "videogames and technology").

### **Super Mission:**

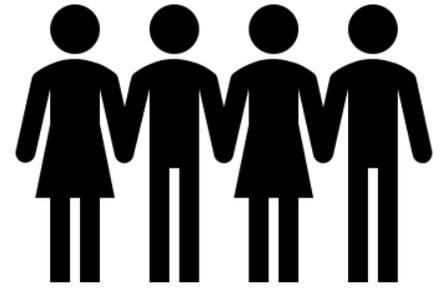
Take a few minutes and use your computers and look through the Hatch Platform. There are many projects in the platform that would be very useful for a company that deals with money, like Wealthsimple.

Find and list 9 projects on the Hatch Platform that you think can be useful to a company like Wealthsimple in terms of information management, art and design (for example, marketing), and so on. List these projects and write a brief, two sentence, explanation about why your team thinks these projects would be useful.



## Case Study Extension #1:

According to data collected by Wealthsimple, men make up a substantially larger proportion of their clients than women. Why do you think this is the case?



Hint: You can look at this website if you need help coming up with ideas:

<https://www.wealthsimple.com/en-ca/magazine/data-canada-survey>.

## Case Study Extension #2:

According to a study conducted by Wealthsimple, the percentage of women who work for their company rose, but the number of women in leadership positions and management dropped. In terms of racial and ethnic diversity, only 40% of their employees are what the Canadian government defines as a “visible minority.” In Toronto, where their headquarters are located, more than 50% of the community is made up of visible minorities. Their goal is to reflect that cultural diversity. List some ways in which companies can improve the diversity of their teams.

**HINT:** You can look at this website if you need help coming up with ideas:

<https://www.wealthsimple.com/en-ca/magazine/news-inclusivity-survey>

