## BUDGET - SIMULATION ACTIVITY

Grade Level: 8-12
Time: 45 minutes
Materials: • 1 set of Career Cards (pages 2 through 9)

- 1 copy per group of the Expense Packet (pages 10-11)
- 1 copy per group of the Budget Simulation Worksheet

Background Knowledge: What a budget is, why it is used and the 50/30/20 rule for budgeting. For more information on the 50/30/20 rule, check out our video on creating a budget at https://youtube/y2gaUOVKprg.

## PREPARATION

Print the Career Cards double sided. If you plan on reusing them, you may want to consider printing on card stock or laminating the cards. Cut each Career Card along the dotted line. There should be a total of 40 cards when you are finished.

Print one Expense Packet and one Budget Simulation Worksheet per group.

## INSTRUCTIONS

1. Start by having the students form groups of 2 or 3 . Have each group select one Career Card per group and pick up their Expense Packet and Budget Simulation Worksheet.
2. Tell the students that they are to create a budget for the scenario given by their career card. They should try to follow the 50/30/20 rule if possible. It may also be useful to tell your students to use pencil since they may need to adjust their budget as they go. Give the students 30 to 40 minutes to complete the activity.
3. When students begin to finish the activity, you may want to close with a reflection. There are a few ideas listed below:
a. Have students answer the following questions on the back of their Budget Simulation Worksheet:
i. Were you able to follow the 50/30/20 rule? Why or why not?
ii. Were you surprised by the cost of any of the expenses? If so, which ones?
iii. Did you pay more than the minimum payments on your debt? Did you save at least $10 \%$ of your income? Why or why not?
b. Have the students write a reflection on what they learned during this activity and how they plan to use that knowledge when they create their own budget someday.
c. Have a few groups share their completed budgets and talk about their process. Try to choose a variety of incomes so students can see some of the challenges involved with different income levels.

For other great budgeting resources, including our full Budget Like a Boss class, please visit www.roguecu.org/learn.

| Human Resource Specialist Single <br> 1 Child Age 4 <br> Daily job duties of human resources specialists include: Preparing or updating employment records related to hiring, transferring, promoting, and terminating. | Financial Analyst Married <br> 3 Children Ages 2, 4, 6 <br> Analyze financial data by collecting, monitoring and creating financial models for decision support. |
| :---: | :---: |
| Computer Programmer <br> Single <br> No Children <br> Computer Programmers write code through the use of computer languages, such as C++ and Java. | Architect <br> Married <br> No Children <br> Architects work in the construction industry designing new buildings, restoring and conserving old buildings and developing new ways of using existing buildings. |
| Engineer Single <br> 2 Children Ages 6 and 12 <br> Engineers work in a variety of fields to analyze, develop and evaluate large-scale, complex systems. | Social Worker Married 2 Children Ages 1 and 3 <br> Clinical social workers provide mental health care to help children and families cope with changes in their lives, such as divorce or other family problems. |
| Lawyer <br> Single <br> 3 Children Ages 3, 7, 9 <br> Lawyers represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. | Teacher <br> Married <br> 1 Child Age 14 <br> Teachers create lesson plans and teach those plans to the entire class, individually to students or in small groups, track student progress, create tests, create and reinforce classroom rules. |
| Physical Therapist Single 1 Child Age 16 <br> Physical therapists are key to recovery for some patients who are recuperating from injuries, illnesses, and surgery. | Family Doctor <br> Married <br> 2 Children Ages 12 and 15 <br> Family practice doctors, examine and treat patients with a wide range of conditions and refer those with serious ailments to a specialist or appropriate facility. |

## CAREER CARDS

| Salary | \$92,720 | Salary | \$61,760 |
| :---: | :---: | :---: | :---: |
| Spouse Salary | \$50,372 | After Tax Salary | \$44,615 |
| After Tax Combined Salary | \$104,733 | Student Loan Debt | \$38,400 |
| Combined Student Loan Debt | \$65,300 | Credit Card Debt | \$5,012 |
| Credit Card Debt | \$16,310 | Credit Card Debt |  |
|  | \$8,727 | Monthly Paycheck | \$3,717 |
| Monthly Student Loan Payment | \$8,727 | Monthly Student Loan Payment | \$450 |
| Monthly Student Loan Payment Credit Card Min Payment | \$758 | Credit Card Min Payment | \$200 |
| Salary | \$82,050 | Salary | \$80,900 |
| Spouse Salary | \$60,500 | After Tax Salary | \$55,821 |
| After Tax Combined Salary | \$98,359 | Student Loan Debt | \$12,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$0 |
| Credit Card Debt | \$3,241 |  |  |
|  |  | Monthly Paycheck | \$4,651 |
| Monthly Student Loan Payment |  | Monthly Student Loan Payment | \$145 |
| Credit Card Min Payment | \$129 | Credit Card Min Payment | \$0 |
| Salary | \$53,370 |  |  |
| Spouse Salary (No childcare cost) | \$0 | After Tax Salary | \$69,349 |
| After Tax Combined Salary | \$40,825 | Student Loan Debt | \$30,800 |
| Combined Student Loan Debt | \$57,600 | Credit Card Debt | \$2,649 |
| Credit Card Debt | \$1,329 |  |  |
| Combined Monthly Paycheck | \$3,402 | Monthly Paycheck | \$5,779 |
| Monthly Student Loan Payment | \$668 | Monthly Student Loan Payment | \$357 |
| Credit Card Min Payment | \$53 | Credit Card Min Payment | \$106 |
| Salary | \$56,160 | Salary | \$117,810 |
| Spouse Salary | \$20,350 | After Tax Salary | \$87,289 |
| After Tax Combined Salary | \$54,791 | Student Loan Debt | \$84,630 |
| Combined Student Loan Debt | \$50,600 | Credit Card Debt | \$17,392 |
| Credit Card Debt | \$25,350 |  | \$17,302 |
|  |  | Monthly Paycheck | \$7,274 |
| Combined Monthly Paycheck |  | Monthly Student Loan Payment | \$982 |
| Monthly Student Loan Payment Credit Card Min Payment | $\begin{array}{r} \$ 587 \\ \$ 1,014 \end{array}$ | Credit Card Min Payment | \$695 |
| Salary | \$213,840 |  |  |
| Spouse Salary | \$30,670 | After Tax Salary | \$60,912 |
| After Tax Combined Salary | \$163,821 | Student Loan Debt | \$0 |
| Combined Student Loan Debt | \$196,750 | Credit Card Debt | \$6,942 |
| Credit Card Debt | \$537 |  |  |
|  |  | Monthly Paycheck | \$5,076 |
| Monthly Student Loan Payment | \$13,651 | Monthly Student Loan Payment | \$0 |
| Credit Card Min Payment | \$2,884 | Credit Card Min Payment | \$277 |

## CAREER CARDS

\(\left.$$
\begin{array}{|c|c|}\hline \text { Massage Therapist } \\
\text { Single } \\
\text { 1 Child Age 4 }\end{array}
$$ \quad \begin{array}{c}Nurse <br>

Married\end{array}\right]\)| 3 Children Ages 2, 4, 6 |
| :---: |


| Salary | \$88,770 | Salary | \$59,390 |
| :---: | :---: | :---: | :---: |
| Spouse Salary | \$44,321 | After Tax Salary | \$42,979 |
| After Tax Combined Salary | \$97,832 | Student Loan Debt | \$4,027 |
| Combined Student Loan Debt | \$23,000 | Credit Card Debt | \$2,697 |
| Credit Card Debt | \$35,367 |  |  |
|  |  | Monthly Paycheck | \$3,581 |
| Combined Monthly Paycheck | \$8,152 | Monthly Student Loan Payment | \$81 |
| Monthly Student Loan Payment Credit Card Min Payment | $\begin{array}{r} \$ 267 \\ \$ 1414 \end{array}$ | Credit Card Min Payment | \$107 |
| Salary | \$64,330 | Salary | \$82,850 |
| Spouse Salary | \$60,500 | After Tax Salary | \$55,509 |
| After Tax Combined Salary | \$86,132 | Student Loan Debt | \$19,521 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | - \$0 |
| Credit Card Debt | \$3,219 | Credit Card Debt | \$0 |
| Combined Monthly Paycheck | \$7,177 | Monthly Paycheck | \$4,625 |
| Monthly Student Loan Payment |  | Monthly Student Loan Payment | \$226 |
| Credit Card Min Payment | \$128 | Credit Card Min Payment | \$0 |
| Salary | \$24,300 | Salary | \$46,200 |
| Spouse Salary (No childcare cost) | \$0 | After Tax Salary | \$35,878 |
| After Tax Combined Salary | \$23,197 | Student Loan Debt | \$13,230 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$7,984 |
| Credit Card Debt | \$239 |  |  |
| Combined Monthly Paych |  | Monthly Paycheck | \$2,989 |
| Monthly Student Loan Payment | \$0 | Monthly Student Loan Payment | \$153 |
| Credit Card Min Payment | \$15 | Credit Card Min Payment | \$319 |
| Salary | \$33,880 | Salary | \$32,790 |
| Spouse Salary | \$15,530 | After Tax Salary | \$31,904 |
| After Tax Combined Salary | \$41,033 | Student Loan Debt | \$5,000 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$21,349 |
| Credit Card Debt | \$12,629 |  | +21,340 |
|  |  | Monthly Paycheck | \$2,658 |
| Combined Monthly Paycheck |  | Monthly Student Loan Payment | \$58 |
| Monthly Student Loan Payment Credit Card Min Payment | \$0 $\mathbf{\$ 5 0 5}$ | Credit Card Min Payment | \$853 |
| Salary | \$41,220 |  |  |
| Spouse Salary | \$31,810 | After Tax Salary | $\$ 25,628$ |
| After Tax Combined Salary | \$61,693 | Student Loan Debt | $\$ 6,000$ |
| Combined Student Loan Debt | \$0 | Credit Card Debt | $\$ 2,493$ |
| Credit Card Debt | \$427 | Credit Card Debt | \$2,493 |
| Combined Monthly Paycheck |  | Monthly Paycheck | \$2,135 |
| Monthly Student Loan Payment | \$5,14 | Monthly Student Loan Payment | \$70 |
| Credit Card Min Payment | \$17 | Credit Card Min Payment | \$98 |

Cashier<br>Single<br>1 Child Age 4

Daily job duties for a Cashier include welcoming customers, answering their questions, helping them locate items, and providing advice or recommendations.

## Teller <br> Married <br> 3 Children Ages 2, 4, 6

A bank teller's duties also may include counting cash, answering phones, filing deposit slips and paperwork, managing ATM deposits, and balancing numbers at the end of the day.

## Customer Service Representative

Single
No Children

Daily job duties for a Customer Service Representative include answering product and service questions and suggesting information about other products and services.

## Postal Service Clerk

Married
No Children
Postal Service Clerks perform any combination of tasks in a post office, such as receive letters and parcels; sell postage and revenue stamps, and examine mail for correct postage.

Receptionist
Single
2 Children Ages 6 and 12

Receptionist Job Duties: Welcomes visitors by greeting them, in person or on the telephone; answering or referring inquiries.

## Administrative Assistant

Married
2 Children Ages 1 and 3
Administrative Assistant duties and responsibilities include providing administrative support to ensure efficient operation of the office.

## Agricultural Worker

Single
3 Children Ages 3, 7, 9
Agricultural workers typically do the following: harvest and inspect crops by hand, irrigate farm soil and maintain ditches or pipes and pumps.

## Logging Worker

Married
1 Child Age 14
Logging Workers operate tractors that drag logs to the landing or deck area. They also separate logs by species and type of wood and load them onto trucks.

## Construction Laborer

Single
1 Child Age 16
Perform tasks involving physical labor at construction sites.May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments.

## Mechanic

Married
2 Children Ages 12 and 15
Keeps equipment available for use by inspecting and testing vehicles; completing preventive maintenance such as, engine tuneups, oil changes, tire rotation and changes, wheel balancing, replacing filters.

## CAREER CARDS

| Salary | \$29,020 |  |  |
| :---: | :---: | :---: | :---: |
| Spouse Salary | \$50,372 | After Tax Salary | $\begin{aligned} & \$ 24,950 \\ & \$ 21,956 \end{aligned}$ |
| After Tax Combined Salary | \$61,925 | Student Loan Debt | +21,956 |
| Combined Student Loan Debt | \$35,300 | Credit Card Debt | \$2,697 |
| Credit Card Debt | \$35,367 |  |  |
| Combined Monthly Paycheck | \$5,160 | Monthly Paycheck | \$1,830 |
| Monthly Student Loan Payment | \$5,160 | Monthly Student Loan Payment | \$0 |
| Credit Card Min Payment | \$1,414 | Credit Card Min Payment | \$107 |
| Salary | \$49,270 | Salary | \$36,030 |
| Spouse Salary | \$60,500 | After Tax Salary | \$28,103 |
| After Tax Combined Salary | \$83,425 | Student Loan Debt | \$12,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$0 |
| Credit Card Debt | \$3,219 | Credit Cara Debt | \$0 |
|  |  | Monthly Paycheck | \$2,342 |
| Monthly Student Loan Payment | \$6,952 | Monthly Student Loan Payment | \$145 |
| Credit Card Min Payment | \$128 | Credit Card Min Payment | \$0 |
| Salary | \$38,320 | Salary |  |
| Spouse Salary (no child care costs) | \$0 | After Tax Salary | \$24,211 |
| After Tax Combined Salary | \$33,721 | Student Loan Debt | \$12,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$7,984 |
| Credit Card Debt | \$239 |  | \$7,084 |
| Combined Monthly Paycheck | 810 | Monthly Paycheck | \$2,017 |
| Monthly Student Loan Payment | \$0 | Monthly Student Loan Payment | \$145 |
| Credit Card Min Payment | \$15 | Credit Card Min Payment | \$319 |
| Salary | \$41,000 |  |  |
| Spouse Salary | \$33,500 | After Tax Salary | \$29,328 |
| After Tax Combined Salary | \$51,136 | Student Loan Debt | \$12,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$21,349 |
| Credit Card Debt | \$12,629 | Credit Card Debt | +21,349 |
|  |  | Monthly Paycheck | \$2,444 |
| Combined Monthly Paycheck |  | Monthly Student Loan Payment | \$145 |
| Monthly Student Loan Payment Credit Card Min Payment | \$0 $\mathbf{\$ 5 0 5}$ | Credit Card Min Payment | \$853 |
| Salary | \$46,450 |  |  |
| Spouse Salary | \$21,805 | After Tax Salary | \$30,552 |
| After Tax Combined Salary | \$53,238 | Student Loan Debt | \$12,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$12,500 |
| Credit Card Debt | \$427 | Credit Card Debt | \$2,493 |
| Combined Monthly Paycheck |  | Monthly Paycheck | \$2,546 |
| Monthly Student Loan Payment | \$0 | Monthly Student Loan Payment | \$145 |
| Credit Card Min Payment | \$17 | Credit Card Min Payment | \$98 |

Psychologist<br>Single<br>1 Child Age 4

Psychologists study the human mind.
Their research helps us understand behavior, memory and mental health disorders.

## Counselor

Married
3 Children Ages 2, 4, 6
Work with individuals, groups and communities to improve mental health. Encourage clients to discuss emotions and experiences.

## Chief Executive Officer (CEO)

Single
No Children
Responsible for providing strategic leadership for the company by working with the board of directors and the executive management team to establish long-range goals, strategies, plans and policies.

> Pilot
> Married
> No Children

Pilots are required to fly different types of aircrafts, such as helicopters and airplanes, in order to transport cargo and passengers across the world.

Taxi Driver
Married
2 Children Ages 1 and 3
Taxi drivers are responsible for utilizing a vehicle that is leased from the cab company to pick up passengers from a specified location and quickly and safely deliver them to their drop-off destination.

## Graphic Designer

Single
3 Children Ages 3, 7, 9
Graphic designers create visual concepts by hand or using computer software, to communicate ideas that inspire, inform, or captivate consumers.

## Journalist <br> Married <br> 1 Child Age 14

Journalists research, write, edit, proofread and file news stories, features and articles for use on television and radio or within magazines, journals and newspapers, in print and online.

## Vet Technician

Married
2 Children Ages 12 and 15
A veterinary technician's daily duties may include performing an initial evaluation of the animal's condition, cleaning and wrapping wounds, and checking vital statistics.

## CAREER CARDS

| Salary | \$52,270 | Salary | \$96,150 |
| :---: | :---: | :---: | :---: |
| Spouse Salary | \$50,372 | After Tax Salary | $\$ 65,382$ |
| After Tax Combined Salary | \$78,007 | Student Loan Debt | \$130,500 |
| Combined Student Loan Debt | \$65,800 | Credit Card Debt | \$13,697 |
| Credit Card Debt | \$35,367 | Credit Card Debt |  |
|  |  | Monthly Paycheck | \$5,448 |
| Combined Monthly Paycheck | \$6,500 | Monthly Student Loan Payment | \$1,448 |
| Monthly Student Loan Payment Credit Card Min Payment | $\begin{array}{r} \$ 730 \\ \$ 1,414 \end{array}$ | Credit Card Min Payment | \$107 |
| Salary | \$63,320 | Salary | \$183,140 |
| Spouse Salary | \$60,500 | After Tax Salary | \$119,041 |
| After Tax Combined Salary | \$94,103 | Student Loan Debt | \$55,000 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$0 |
| Credit Card Debt | \$3,219 | Credit Cara Debt | \$0 |
|  | \$7,842 | Monthly Paycheck | \$9,920 |
| Monthly Student Loan Payment | \$0 | Monthly Student Loan Payment | \$145 |
| Credit Card Min Payment | \$128 | Credit Card Min Payment | \$0 |
| Salary | \$28,060 | Salary | \$45,600 |
| Spouse Salary (no child care costs) | \$0 | After Tax Salary | \$34,656 |
| After Tax Combined Salary | \$24,692 | Student Loan Debt | \$8,000 |
| Combined Student Loan Debt |  | Credit Card Debt | \$7,984 |
| Credit Card Debt | \$239 |  |  |
|  |  | Monthly Paycheck | \$2,888 |
| Combined Monthly Paycheck Monthly Student Loan Payment |  | Monthly Student Loan Payment | \$89 |
| Credit Card Min Payment | \$15 | Credit Card Min Payment | \$319 |
| Salary | \$70,410 | Salary | \$55,910 |
| Spouse Salary | \$33,500 | After Tax Salary | \$42,491 |
| After Tax Combined Salary | \$51,136 | Student Loan Debt | \$32,500 |
| Combined Student Loan Debt | \$0 | Credit Card Debt | \$21,349 |
| Credit Card Debt | \$12,629 |  | \$21,340 |
|  |  | Monthly Paycheck | \$3,540 |
| Combined Monthly Paycheck | \$4,261 | Monthly Student Loan Payment | \$360 |
| Monthly Student Loan Payment Credit Card Min Payment | \$0 $\mathbf{\$ 5 0 5}$ | Credit Card Min Payment | \$853 |
| Salary | \$35,310 |  |  |
| Spouse Salary | \$21,805 | After Tax Salary | $\begin{aligned} & \$ 40,170 \\ & \$ 30,529 \end{aligned}$ |
| After Tax Combined Salary | \$78,971 | Student Loan Debt | \$3,200 |
| Combined Student Loan Debt | \$5,400 | Credit Card Debt | \$2,493 |
| Credit Card Debt | \$427 |  |  |
| Combined Monthly Paycheck |  | Monthly Paycheck | \$2,544 |
| Monthly Student Loan Payment | \$6,580 | Monthly Student Loan Payment | \$35 |
| Credit Card Min Payment | \$17 | Credit Card Min Payment | \$98 |



TRANSPORTATION


Public
Transportation \$25


Used Car - No Loan
Insurance \$45
Gas \$100
Maintenance \$65


Used Car Loan \$150
Insurance \$60
Gas \$100
Maintenance \$55


New Car \$450
Insurance $\$ 100$
Gas \$100
Maintenance \$35


New Luxury Car \$590 Insurance $\$ 120$
Gas $\$ 130$
Maintenance \$55

HEALTH INSURANCE


Married - No Kids $\$ 450$

## BUDGET - EXPENSE PACKET

## 积㙏 <br> CHILD CARE <br> $\$ 600$ per child under the age of 5 <br> (Example: 2 children $=\$ 1,200$ )

## GROCERIES


\$200 per each adult (age 12 and over)
$\$ 75$ per child (under the age of 12)

For Low Income, State Services are Available

OREGON HEALTH PLAN - Cost \$0
To qualify your monthly salary must be less than:
\$1,396 Single
\$1,893 Family of 2
\$2,887 Family of 3 or more

FOOD BENEFITS

| Family Size | Income Limit | Benefit |
| :--- | :---: | :---: |
| Single | $\$ 2,023$ | $\$ 100$ |
| 2 People | $\$ 2,743$ | $\$ 300$ |
| 3+ People | $\$ 3,463$ | $\$ 500$ |

INTERNET
\$30
CABLE/VIDEO OPTIONS


Prime Video \$21


Hulu \$12


Netflix $\$ 8.99$


Basic Cable \$20


Full Cable \$120

\$40
Pay as you go-1GB data

PHONE

\$85
Unlimited Talk/Text - 2GB data

## unlimited $^{\sqrt{ }}$

\$135 + \$45 per extra line Unlimited Everything


Primarily Used
\$30 per family member

## CLOTHING



Department Store
\$60 per family member


Designer Clothes
\$120 per family member

| Monthly Paycheck INCOME |  |
| :--- | :--- |
|  |  |
| Student Loan Minimum Payment |  |
| Credit Card Minimum Payment |  |
| Rent/Mortgage |  |
| Renter's/Homeowner's Insurance |  |
| Utilities |  |
| Property Tax (Homeowners Only) |  |
| Home Maintenance (Homeowners Only) |  |
| Car Loan 50\% or less of total expenses) |  |
| Public Transportation |  |
| Car Insurance |  |
| Gas |  |
| Car Maintenance |  |
| Health Insurance |  |
| Child Care |  |
| Groceries |  |
|  | TOTAL |

LIFESTYLE (Try for 30\% or less of total expenses)

| Clothing (Must choose at least used clothes) |  |
| :--- | :--- |
| Internet |  |
| Cable/Streaming Services |  |
| Phone |  |
| Other: | TOTAL |
|  |  |

FUTURE (Try for 20\% or more) of total expenses)


