

The Activities

Bills, Budgets and Bank Accounts contains 22 current activities that let your students do so much more than just read and answer questions. They'll use their math skills, thinking skills, writing skills and creative skills while they help Cary Cash with his personal finances as he begins living on his own.

Each activity involves one aspect of Cary Cash's personal finances and includes one or more reproducible student pages and a teacher's key with answers, suggestions and step-by-step math solutions where appropriate. It is suggested that the activities be done in order. Listed below and on the following pages are detailed descriptions of each activity.

The Assessment

An Assessment is also included that can be used as a pre-test as well as a post-test to evaluate what your students have learned and to identify those areas that might require additional instruction.

The assessment includes:

- 35 True or False questions
- 9 multi-step math problems.

Activity Descriptions

Activity 1: Five Job Offers

Students will explain which of five job offers they believe Cary Cash should accept. Descriptions of the five job offers and information on the communities where he could be living are provided.

Activity 2: Things To Do

Students will make a list of things Cary needs to do to move to Raleigh, North Carolina and be ready to start his new job.

Activity 3: Where To Live

Students will decide which of nine apartment complexes they believe Cary should choose to live in. Information is provided about each of the apartment complexes including apartment sizes and rents. A map is also provided showing the location of the apartments in relation to his job.

Activity 4: Moving Day

Students will decide how Cary should pay for his various moving expenses. They will calculate the cost of several of these expenses including a UHaul trailer, gasoline, food and overnight lodging.

Activity 5: Check It Out

Students will make a list of the things they believe Cary should "check out" about each of the apartments he looks at before making a choice and signing a lease.

Activity 6: Cary's Apartment

Using an apartment lease and apartment diagram which are provided, students will answer a series of questions and compute various costs concerning the apartment that Cary has decided to rent.

Activity 7: Moving In

Using an inventory of the items Cary brought with him in his car and UHaul trailer, students will decide what other furnishings he needs for the apartment. They will also arrange his furnishing in the apartment and decide what utilities he needs to start.

Activity 8: Shopping At The Mall

Students will calculate the cost of various items Cary purchased during a shopping trip to the mall. They will calculate discounts, sales tax and cash price. They will also decide the best way for Cary to purchase an entertainment center he would like for his apartment.

Activity 9: Shopping List

Students will create a shopping list of food and household products that Cary should buy on his first trip to the grocery store. Then using a list of products that is provided, they will see if they can determine the cost of each item and the total cost including sales tax.

Activity 10: Choosing Bank Accounts

Using descriptions of checking accounts and savings plans that are provided, students will answer a series of questions about which accounts they believe Cary should open.

Activity 11: First Day At Work

Students will make a list of 5 things Cary should do to be sure his first day at work starts off well. They will complete a compensation summary by calculating how much Cary will receive in each paycheck. They will also read a list of Cary's fringe benefits and decide how he should invest in his 401(k) contribution.

Activity 12: Group Health Insurance

Using an outline of Cary's group health insurance policy, students will calculate the portion of a hypothetical hospital bill that would be paid by the policy and the portion of the bill Cary would have to pay himself.

Activity 13: Proving His Worth

Students will read a list of suggestions of ways Cary can prove his worth at his new job. For each suggestion, students will explain why they think it would be a good or bad thing for Cary to do.

Activity 14: Cary's Credit Card Statement

Students will complete Cary's June credit card statement by calculating his total new purchases, the finance charge, total payments and credits and his new balance.

Activity 15: Cary's New Car

Students will calculate Cary's total costs of leasing or buying a new car by completing two itemized worksheets.

Activity 16: Cary's Auto Insurance

Using an outline of Cary's auto insurance policy, students will answer a series of questions concerning the cost of the policy and his various coverages.

Activity 17: Cary's Renter's Insurance

Using an outline of Cary's renter's insurance policy, students will answer a series of questions concerning the cost of the policy and his various coverages.

Activity 18: Payday

Students will calculate Cary's net pay for the pay period. They will also evaluate his contributions to his 401(k) and decide if they agree with the choices he made.

Activity 19: Cary's Checking Account

Students will complete Cary's check register for the month of June. They will also complete his June bank statement and then reconcile his register to the statement. They must also discover the errors Cary made in his register and make correcting entries.

Activity 20: Good Advice

Students will write a series of personal finance suggestions appropriate to each month of the year that will be included in a calendar.

Activity 21: Cary's Renter's Insurance

Students will divide Cary's expenses into four categories (fixed, variable, periodic and unexpected). They will answer a series of questions evaluating how Cary has spent his income.

Activity 22: Cary's Budget

Students will list sources of income Cary could receive during the year other than his paychecks. They will use his income to construct a budget for Cary.

Activity 1: Five Job Offers



Cary Cash will be graduating from the University of Illinois at the end of the semester with a bachelor of arts degree in **industrial design**.

He has had a number of interviews and has been lucky enough to receive five job offers.

The job descriptions are listed at the bottom of the page. The community vital statistics are listed on page 2.

What is an industrial designer?

Originates and develops ideas to design the form of manufactured products.

Consults with engineering, marketing, production and sales representatives to establish design concepts.

May specialize in a specific product or type of product including, but not limited to, hardware, motor vehicle exteriors and interiors, scientific instruments, industrial equipment, luggage, jewelry, housewares, toys and novelties.

Which job do you think Cary should accept? _____

Explain your choice: _____

Sample

- Chicago manufacturer of dispenser systems seeks Industrial Designer to design, produce and implement product design for Drink Dispensing Systems. Interactive team player, creative, engineering, suppliers and customers. Manage design through production of products and directly interface with client utilizing their ideas, logos and company images. Must be creative and forthcoming with ideas.
- Leading Architectural Foundation Firm is currently seeking an Industrial Designer at our corporate facility in Atlanta, GA. The industrial designer will; perform research of new product concepts; prepare sketch drawings of potential products; prepare detailed drawings and or models of potential products; prepare a list of materials & estimated costs; prepare presentations for review of product concepts; build prototypes of new products as required; prepare final drawings; prepare various product description / documentation forms as required by the Engineering and Production Departments for turnover of final product designs for manufacturing.
- The Athron Corporation based in Raleigh-Durham specializes in the discovery, development, manufacture and marketing of ophthalmic surgical and vision care products. We have an immediate opportunity for a results-oriented Industrial Designer to share their creative skills with a dynamic organization. You will interface with marketing, engineering and manufacturing professionals to create or maintain conceptual designs and technical documentation to Athron Standards. You will contribute to transparency (GUI) development, human factors, color selection and compatibilities, and miscellaneous charts/graphs/plaques/reports for presentations.
- Rapidly growing Office Furniture Accessory manufacturer has the need for an Industrial Designer in our Denver, Colorado office. Successful candidate will help design new exciting products for the office furniture industry.
- Los Angeles toy manufacturer is seeking an entry level Industrial Designer. You will work with the Specials design team on toys for all brands. Brainstorm unique and creative plastic and plush toy concepts in line with FPB strategy and within licensor parameters. Create sketches, renderings, prototypes of toys. Brainstorm creative use of mechanisms in toys. Ability to conceptualize and create play patterns for toys. Work closely with marketing and engineering throughout entire product development process. Prepare cost packages with marketing and engineering for clear product definition to Hong Kong.

Name:

Period:

Activity 12: Group Health Insurance

During the new employee orientation meeting, the Human Resources Director spent a lot of time going over the company's group health insurance policy. She went through the following hypothetical hospital bill as an example of how the policy works.

Use the policy outlined on page 2 to compute the portion of the hospital bill that would be paid by the policy and by an employee.

Community General Hospital	
<i>Itemized Billing Statement</i>	
Item	Cost
Room and Board (Semi-private: 4 days at \$220 per day)	\$ 880.00
Surgical Fees	\$2,200.00
Medicine and Drugs	\$ 300.00
Laboratory Tests	\$ 350.00
X-Rays	\$ 200.00
Use of the Operating Room	\$ 450.00
Doctor's In-Hospital Visits (4 days at \$35 per day)	\$ 140.00
Total Due \$4,520.00	

Basic Coverage	Paid	Not Paid
Room and Board	_____	_____
Surgical Fees	<u>1,600</u>	_____
Miscellaneous Costs	_____	_____
In-Hospital Visits	_____	_____
	Total	_____

The policy's surgical schedule specifies a maximum payment of \$1,600 for this type of surgery.

Sample

Major Medical Coverage

_____ (Not Paid By Basic Coverage)

_____ (Deductible)

_____ (Split 80%-20%): _____ x .80 _____

_____ x .20 _____

Policy Pays Employee Pays

Basic Coverage	_____	
Major Medical Coverage	_____	↓
Total	_____	_____



Name:

Period: