**Excel 2000 Activity Answer Sheet**

| Chapter 1 | Chapter 2 | Chapter 3 | Chapter 4 | Chapter 5 | Chapter 6 | |
|---|---|---|---|---|---|---|
| 1. _____ | 1. _____ | 1. _____ | 1. _____ | 1. _____ | 1. _____ | |
| 2. _____ | 2. _____ | 2. _____ | 2. _____ | 2. _____ | 2. _____ | **Value** |
| 3. _____ | 3. _____ | 3. _____ | 3. _____ | 3. _____ | 3. _____ | |
| 4. _____ | 4. _____ | 4. _____ | 4. _____ | 4. _____ | 4. _____ | ___/30 |
| 5. _____ | 5. _____ | 5. _____ | 5. _____ | 5. _____ | 5. _____ | |

**Show your teacher your work and have them initial in the space provided when you complete the exercises. DO NOT PRINT YOUR WORK**

**Unit 1: _____ Unit 2: _____ Unit 3: _____ Unit 4: _____ Unit 5: _____ Unit 6: _____** ___/ 6

**Project 1: _____ Project 2: _____ Project 3: _____** ___/ 3

**Challenge1:_____ Challenge 2: _____ Challenge 3: _____** ___/ 6

## Compound Interest Project

**9** j) What pattern do you see in the cell function value as you move down column B? ___/ 2

_____

_____

**9** k) What pattern do you see in the cell function value as you move across row 8? ___/ 2

_____

_____

**11**) What is your final balance in Bank C after 4 years (48 months)? _____ ___/ 1

**12**) Which bank will maximize the return on your investment? _____ ___/ 1

**13**) How does the frequency of compounding affect the growth of an investment? ___/ 2

_____

_____

**14**) Which has a greater impact on the rate of growth of your investment, the change from annual to quarterly compounding, or the change from quarterly to monthly compounding? ___/ 1

_____

_____

15) To appreciate the power of your spreadsheet, try changing the annual interest rates (APR) for banks A and B so that all three banks produce the same final balance.

**16**) Then change the APRs back to 4.0% and try extending the spreadsheet to find the balances for all three banks after 6 years. ___/ 6

**Bank A: _____ Bank B: _____ Bank C: _____**

Total for Sheet: _____/ 60