

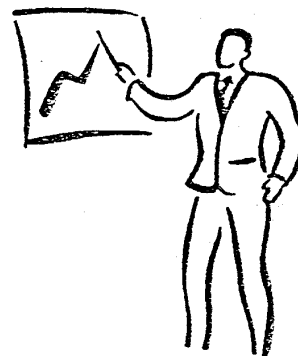
# CAREER AWARENESS FOR TOMORROW'S SUCCESS



EDUCATION



SUCCESS



CAREERS

FOURTH GRADE  
STUDENT HANDBOOK

La Joya Independent School District  
2011-2012

## **How to Improve your Study Habits and Grades**

### **At School:**

1. Listen carefully to be sure you understand all assignments.
2. Keep an assignment book or journal. Write down all assignments and their due dates in the journal.
3. Do assignments when they are given and do not fall behind. Use your school time wisely.
4. When working on long assignments, do a little each day. Do not wait until the last minute.
5. Ask for help if you do not understand something.
6. Participate in discussions; it will help you to understand better.
7. If you miss an assignment, check with teachers immediately when you return to find out what you missed.
8. When you are in class, write down, the teacher's questions. They are likely to be on the test.

### **At Home:**

1. Set a regular time to study. Schedule this around your other activities, but stick to the chosen time.
2. Choose a quiet place to study, away from all distractions.
3. Organize all materials you will need before you begin to study.
4. Do the hardest work first and save the easier work for last.
5. Have a calendar at your study area. Mark dates of tests, due dates for projects, reports, etc. Look at the calendar daily and plan study time accordingly.

### **General study tips:** When reading your textbook:

- Read the introduction. It will tell what is important in what you will read.
- Read the conclusion. You will then know what was important.
- Read the questions at the end of the chapter. You will know some of the answers from reading the introduction and the conclusion.
- Skim each page by reading everything printed differently as in bold, italic, etc. or by reading the first sentence of each paragraph. This will give you more answers to the questions at the end of the chapter.
- Read in small chunks and answer the questions, "What have I just read?"
- From your notes, make index cards that contain key information, vocabulary, key phrases, etc, on a common topic (keep it short). As you study the card, say them aloud and make an audio tape of them.
- Review your index cards before you go to sleep.
- Play the tape while you get dressed in the morning!

## What's Your Learning Style? "Learning Style Inventory"

Research has shown that everyone has a unique learning style, you may be the type of learner who needs prodding and encouragement, or you may buckle down on your own. You may study best in the morning, or you may be a better afternoon learner. All this has little to do with mood, but a lot to do with inborn preference.

This quiz will help you identify some aspects of your learning style. It should alert you to your natural strengths which can be used to improve your learning experiences.

If the questions sound basic, there is a reason. They were selected from the Learning Style Inventory, a lengthy computer-scored quiz. Though simplified from the original, results should accurately reflect your preferred learning style. Answer each item either "True" or "False." Your first spontaneous response is probably the truest answer you can give.

- |  |      |       |
|--|------|-------|
| 1. I really like to listen to people talk.   | True | False |
| 2. I really like to watch television.  | True | False |
| 3. I must be reminded to do something.   | True | False |
| 4. I can sit in one place for a long time.   | True | False |
| 5. If I could choose to go to school anytime during the day I would go in the morning.         | True | False |
| 6. I really like people to talk to me.   | True | False |
| 7. The things I remember best are those I see.   | True | False |
| 8. I don't have to be reminded to do something.  | True | False |
| 9. I can't sit in one place for a long time.   | True | False |
| 10. If I could choose to go to school anytime during the day, I would go in the early morning. | True | False |
| 11. I'd rather read than listen to a lecture.  | True | False |
| 12. I prefer to learn something new by having it told to me.                                   | True | False |
| 13. I forget to do things I've been told to do.  | True | False |
| 14. I find it hard to sit in one place for a long time.  | True | False |
| 15. I remember things best when I study them in the early morning.                             | True | False |
| 16. I find it easy to listen to people talk.   | True | False |

- |     |  |      |       |
|-----|--|------|-------|
| 17. | It is easy for me to remember what I see.                | True | False |
| 18. | I remember to do what I am told.                         | True | False |
| 19. | I have to get up and move around when I study.           | True | False |
| 20. | I remember things best when I study them in the evening. | True | False |
| 21. | I enjoy learning by listening.                           | True | False |
| 22. | I like to learn by reading                               | True | False |
| 23. | I do what I am expected to do.                           | True | False |
| 24. | It is easy for me to stay put when I study.              | True | False |
| 25. | I study best in the morning.                             | True | False |

**As a learner, I found that I . . .**

1. (Listener? –L) \_\_\_\_\_
2. (Watcher? –W) \_\_\_\_\_  
    “Reader” \_\_\_\_\_
3. (Hands-On? –H) \_\_\_\_\_  
    “Do Things” \_\_\_\_\_
4. By Yourself? – Y \_\_\_\_\_
5. Mover or Sitter? – M or S \_\_\_\_\_
6. Time? –T \_\_\_\_\_

## Learning Style Definition

Name: \_\_\_\_\_

Following are some tips on how people with these learning styles might prefer to learn and study. Identify and apply the ones that you think might help you the most!

1. “Listener”: You prefer:
  - to be told things
  - to ask questions(???)
  - to have things read to you
  - to read things together (back/forth) with a partner to have things explained to you
    - to discuss ideas and information
  - to study with partners out loud
  
2. “Watcher”: You prefer:
  - to read materials
  - to watch videos, filmstrips
  - to see pictures of things, diagrams, word and idea webs
  - to use handouts and study guides
  - to see examples of problems on the board
  - to take and use notes (written on the board)
  - to see actual demonstrations (to watch how to do something)
  
3. “Hands-On”: You prefer:
  - to see and hear things (All of the above tips!!)
  - to practice doing activities and actually do things to learn about them
  - to touch objects—see how they work
  - to use machines, computers, and actual objects
  - to make things and projects in class and at home

4. “By yourself”: You prefer: to work by yourself  
to double check your work by yourself  
(when work is done)  
to set up your own study time, place, breaks  
to check with your teacher, parents, or  
partners when you’re all done with work  
to not need clues or to ask questions as you  
are working to work for long periods before  
talking to someone
5. “Mover”: You prefer: to work for short-timed periods  
to do a definite chunk of work then take a rest break  
to get up and stretch during breaks  
to eat or drink something as you work  
to plan a definite (same) time and place to do work  
to have a very quiet place to work(no TV, radio, or little  
brothers or sisters around  
to check your work as you do it
- “Sitter” can take breaks when you sense you are  
tired
6. “Time”: A.M. Person: you seem to do more work and best thinking  
in the early part of the day  
you often like to finish homework after a  
break at home (supper)
- P.M. Person: you seem to do your best work and thinking  
through the afternoon  
you often like to do homework as soon as you  
get home (before supper)

These tips may not describe you exactly, but they will all help you be a better student and a more successful learner throughout your entire life.

You may find that you prefer a combination of several styles and can use tips from several areas to help you learn.

## Lesson Plan: Math Problems and Solutions

1. Tell students that this lesson will be devoted to the art of problem-solving. We all solve problems everyday, especially on a job. If we understand how we solve problems, we can solve those problems more easily.
2. Continue discussion by stating that a problem is present when the following occurs:
  - You need to know something you don't know
  - You must decide between different choices
  - You don't know what to do

Mathematics can help you solve problems. Often you need to know how much, how many, how often, how big, or how small before you can solve the problem.

A problem is solved when:

- You find the information you need
  - You pick the best choice and carry it out
  - You figure out what to do and then do it
3. Implementing a four-step plan will help you practice and learn better problem-solving skills.
  4. At this point distribute the Career-Related Math Problems to the students. Using problem one as an example; apply the four-step plan to set up and solve the problem.

### Step 1 – Understand the Problem

- What data do you now have to solve the problem?  
Regular price of VCR is \$198.00. Second VCR is half price.
- What are you trying to find?  
The cost of the second VCR that is 50% off on sale.

### Step 2 – Develop a Plan

- What additional information do you need to solve this problem?  
None
- What mathematical methods can you see?  
Division

### **Step 3 – Carry Out Plan**

- Solve the problem showing all your work.

### **Step 4 – Check the Results**

- Do your calculations again to make sure that there are no errors.
5. Use problem two for additional practice in using the four-step approach to problem-solving if necessary, then have students work in small groups on the remaining problems. Allow approximately 20 to 30 minutes to complete the problems.

## Problem-Solving Plan to Solve Career Related Math Problems

1. VCR's Unlimited is having a sale on VCR's. Customers who buy one VCR can get a second VCR for half price. If the regular price is \$198.00 how much will the second VCR cost?
2. John, the baker is baking bread. The recipe calls for 12 cups of flour. Of this, 4 cups is wheat flour. The rest is white flour. How much white flour does the recipe call for?
3. Sean is taking patient's vital signs. The average heart rate for an adult is 72 beats a minute. How many times does the average adult's heart beat in 60 minutes.
4. The post office charges by weight to deliver packages. If a package weighs no more than 6.75 pounds, it costs \$3.95 to mail. If the package weighs more than 6.75 pounds, it costs \$5.54 to mail. How much would it charge to mail a package that weighs 6.57 pounds?
5. Luis and John were responsible for putting saddles on 1 out of every 5 horses at the riding stable. There were 75 horses in the stable. How many horses did they saddle?
6. A carpenter is building a fence. A fence is 15 sections long. Each section begins and ends with a post. How many posts are there?
7. Sara sold a Hopi Jar for \$19.56, and a Zuni necklace for \$26.95. The customer gives Jane a 50 dollar bill. How much change will Sara give the customer?
8. A realtor sold the Halls 12.8 acres of land in Texas in 1995. He then sold them 9 more acres in 1996. Halls now hold 42.4, in 1999. How many additional acres were purchased from the realtor after 1996?
9. A paleontologist, discovered tracks at Dinosaur Valley State Park, in Texas. The tracks show that Acrocanthosaurus probably traveled at 5 miles per hour. If Pleurocoelus traveled at 2.7 miles per hour, how much faster was Acrocanthosaurus?
10. Dan is a landscape architect and a customer has contracted with him to build a rectangular rock garden. The perimeter is 130 feet. If the rock garden is 25 feet wide, how long is it?

## Problem-Solving Plan to Solve Career Related Math Problems

### Answer Sheet

1. \$99.00
2. 8 cups
3. 4320 beats
4. \$3.95
5. 15 horses
6. 30 posts
7. \$3.49
8. 20.6 acres
9. 2.3 MPH
10. 40 feet

## **I Am Me, I Am Special**

This is what I do well:

These are four words that best describe me:

This is my greatest achievement:

This is what I like to do in my free time:

This is the person that I admire the most: