

TABLE OF CONTENTS

UNIT 1 – ENVIRONMENTAL AND AGRICULTURAL SYSTEMS

IMPORTANT WORDS TO KNOW.....	1
CHAPTER 1 FIELD: ENVIRONMENTAL AND AGRICULTURAL SYSTEMS	
CAREER FIELDS	2
ENVIRONMENTAL AND AGRICULTURAL SYSTEMS	3
JOB OR CAREER.....	4
AGRICULTURE JOB OR CAREER.....	5
PROFESSION OR TRADE.....	6
CHAPTER 2 AGRICULTURE, FOOD, AND NATURAL RESOURCES JOB INFORMATION	
CAREER GROUP (CLUSTER).....	7
CROP, NURSERY, AND GREENHOUSE.....	8
FARMERS AND RANCHERS.....	9
NONFARM ANIMAL CARETAKER.....	10
REFUSE, RECYCLING, AND WATER.....	11
CHAPTER 3 AGRICULTURE, FOOD, AND NATURAL RESOURCES PROFILES	
DOG WALKER PROFILE.....	12
BEEKEEPER PROFILE.....	13
FISHER PROFILE	14
HORSE TRAINER PROFILE.....	15
FARMER PROFILE.....	16
CHAPTER 4 AGRICULTURE, FOOD, AND NATURAL RESOURCES PROFILES CONTINUED	
VETERINARIAN PROFILE	17
FORESTER PROFILE.....	18
ZOOLOGIST PROFILE.....	19
ANIMAL OR SOIL SCIENTIST PROFILE.....	20
REFUSE COLLECTOR PROFILE	21

CHAPTER 5 AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREERS

AGRIBUSINESS SYSTEMS.....	22
ANIMAL SYSTEMS	23
ENVIRONMENTAL SERVICE AND FOOD SYSTEMS.....	24
NATURAL RESOURCE AND PLANT SYSTEMS	25
POWER, STRUCTURAL, AND TECHNICAL SYSTEMS.....	26

CHAPTER 6 FOUNDATION KNOWLEDGE AND SKILLS AND GETTING READY FOR WORK

FKS: ENVIRONMENTAL / AGRICULTURAL SYSTEMS.....	27
GET READY FOR WORK	28
CAREER ASSESSMENT	29
JOB ADS.....	30
ONLINE APPLICATION.....	31

UNIT 2 – COMMUNICATIONS AND INFORMATION SYSTEMS

IMPORTANT WORDS TO KNOW.....	32
------------------------------	----

CHAPTER 7 FIELD: COMMUNICATIONS AND INFORMATION SYSTEMS

SECOND BIG CAREER FIELD.....	33
COMMUNICATIONS AND INFORMATION SYSTEMS	34
ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS	35
THE ARTS	36
A JOB BECOMES A CAREER	37

CHAPTER 8 INFORMATION TECHNOLOGY PROFILES

INFORMATION TECHNOLOGY.....	38
COMPUTER NETWORK SYSTEMS.....	39
INFORMATION SUPPORT AND SERVICES.....	40
PROGRAMMING AND SOFTWARE DEVELOPMENT.....	41
WEB AND DIGITAL COMMUNICATION	42

CHAPTER 9 ARTS AND COMMUNICATION PROFILES

CLOWN PROFILE	43
ARTIST PROFILE.....	44

ACTOR PROFILE	45
RADIO ANNOUNCER PROFILE	46
MUSICIAN PROFILE	47

CHAPTER 10 ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS PROFILES

FLORAL DESIGNER PROFILE	48
AUDIO / VIDEO TECH PROFILE	49
TELECOM TECHNICIAN PROFILE	50
COMPUTER TECH SUPPORT PROFILE	51
WEB DESIGNER PROFILE	52

CHAPTER 11 ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS PROFILES CONTINUED

A/V TECHNOLOGY AND FILM	53
JOURNALISM / BROADCASTING AND PERFORMING ARTS	54
PRINTING, TELECOM, AND VISUAL ARTS	55
INFORMATION SUPPORT AND NETWORKS	56
PROGRAMMING, SOFTWARE, AND WEBSITES	57

CHAPTER 12 FOUNDATION KNOWLEDGE AND SKILLS AND APPLYING FOR A JOB

FKS: COMMUNICATION / INFORMATION SYSTEMS	58
CLASSES AND YOUR FUTURE	59
JOB APPLICATION	60
PREP FOR THE INTERVIEW	61
HANDSHAKES	62

UNIT 3 – INDUSTRIAL, MANUFACTURING, AND ENGINEERING SYSTEMS

IMPORTANT WORDS TO KNOW	63
-------------------------------	----

CHAPTER 13 FIELD: INDUSTRIAL, MANUFACTURING, AND ENGINEERING SYSTEMS

INDUSTRIAL, MANUFACTURING, AND ENGINEERING SYSTEMS	64
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS	65
ARCHITECTURE AND CONSTRUCTION	66
MANUFACTURING	67
STEM	68

CHAPTER 14 TRANSPORTATION, DISTRIBUTION, AND LOGISTICS PROFILES	
HAND LABORER AND MATERIAL MOVER PROFILE	69
TRACTOR-TRAILER DRIVER PROFILE	70
AUTO MECHANIC PROFILE	71
PACKER AND PACKAGER PROFILE	72
BILLING AND POSTING CLERK PROFILE	73
CHAPTER 15 ARCHITECTURE AND CONSTRUCTION PROFILES	
CONSTRUCTION LABORER PROFILE	74
LANDSCAPER PROFILE	75
CARPENTER PROFILE	76
ELECTRICIAN PROFILE	77
OIL RIG MANAGER PROFILE	78
CHAPTER 16 MANUFACTURING PROFILES	
MAINTENANCE WORKER PROFILE	79
TEAM ASSEMBLER PROFILE	80
INDUSTRIAL MACHINERY MECHANIC PROFILE	81
SUPERVISOR OF MECHANICS, INSTALLERS, AND REPAIRERS PROFILE	82
INSPECTOR, SORTER, AND WEIGHER PROFILE	83
CHAPTER 17 SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH PROFILES	
MECHANICAL ENGINEER PROFILE	84
INDUSTRIAL ENGINEER PROFILE	85
ARCHITECTURAL AND ENGINEERING MANAGER PROFILE	86
ELECTRICAL ENGINEER PROFILE	87
ENVIRONMENTAL SCIENTIST PROFILE	88
CHAPTER 18 FOUNDATION KNOWLEDGE AND SKILLS AND RÉSUMÉS	
FKS: INDUSTRIAL / MANUFACTURING / ENGINEERING SYSTEMS	89
READING A RÉSUMÉ	90
WRITING A RÉSUMÉ	91

COVER LETTER	92
EMAIL COVER LETTER.....	93

UNIT 4 – HEALTH SCIENCES

IMPORTANT WORDS TO KNOW.....	94
CHAPTER 19 FIELD: HEALTH SCIENCES	
HEALTH SCIENCES	95
HEALTH SCIENCE GROUP.....	96
INDIVIDUAL GRADUATION PLAN	97
GRADUATION	98
IGP AND CLASSES.....	99
CHAPTER 20 HEALTH SCIENCE PROFILES	
REGISTERED NURSE PROFILE.....	100
NURSING ASSISTANT PROFILE	101
HOME HEALTH AIDE PROFILE	102
LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSE PROFILE	103
MEDICAL ASSISTANT PROFILE.....	104
CHAPTER 21 HEALTH SCIENCE PROFILES CONTINUED (1)	
DENTAL ASSISTANT PROFILE	105
DENTAL HYGIENIST PROFILE	106
EMERGENCY MEDICAL TECHNICIAN PROFILE	107
HEARING AID SPECIALIST PROFILE	108
MEDICAL EQUIPMENT PREPARER PROFILE	109
CHAPTER 22 HEALTH SCIENCE PROFILES CONTINUED (2)	
MASSAGE THERAPIST PROFILE.....	110
ORDERLY PROFILE	111
PHYSICAL THERAPIST AIDE PROFILE	112
RADIOLOGIC TECHNICIAN PROFILE	113
VETERINARY ASSISTANT PROFILE.....	114

CHAPTER 23 HEALTH SCIENCE PROFILES CONTINUED (3)

ATHLETIC TRAINER PROFILE	115
CHIROPRACTOR PROFILE	116
DENTIST PROFILE	117
PHYSICIAN ASSISTANT PROFILE	118
PHYSICIAN AND SURGEON PROFILE	119

CHAPTER 24 FOUNDATION KNOWLEDGE AND SKILLS AND JOB INTERVIEWS

FKS: HEALTH SCIENCE	120
FINDING AND INTERVIEWING FOR A JOB	121
PREPARE FOR AN INTERVIEW	122
WRITE AN ELEVATOR PITCH	123
WRITE ANOTHER PITCH	124

UNIT 5 – HUMAN SERVICES AND RESOURCES

IMPORTANT WORDS TO KNOW	125
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CHAPTER 25 FIELD: HUMAN SERVICES AND RESOURCES

HUMAN SERVICES AND RESOURCES	126
HUMAN SERVICES	127
EDUCATION AND TRAINING	128
LAW, PUBLIC SAFETY, AND SECURITY	129
GOVERNMENT AND PUBLIC ADMINISTRATION	130

CHAPTER 26 HUMAN SERVICES PROFILES

PERSONAL CARE AIDE PROFILE	131
CHILDCARE WORKER PROFILE	132
BARBER PROFILE	133
COMMUNITY HEALTH WORKER PROFILE	134
SOCIAL WORKER PROFILE	135

CHAPTER 27 EDUCATION AND TRAINING PROFILES

ELEMENTARY TEACHER PROFILE	136
TEACHER ASSISTANT PROFILE	137
HIGH SCHOOL TEACHER PROFILE	138

SELF-ENRICHMENT EDUCATION TEACHER PROFILE	139
MIDDLE SCHOOL TEACHER PROFILE.....	140
 CHAPTER 28 LAW, PUBLIC SAFETY, AND SECURITY PROFILES	
TRANSPORTATION SECURITY OFFICER PROFILE	141
PATROL OFFICER PROFILE	142
LAWYER PROFILE	143
CORRECTIONAL OFFICER AND JAILER PROFILE	144
PARAMEDIC PROFILE	145
 CHAPTER 29 GOVERNMENT AND PUBLIC ADMINISTRATION PROFILES	
COMPLIANCE INSPECTOR PROFILE.....	146
GOVERNMENT PROGRAMS ELIGIBILITY INTERVIEWER PROFILE.....	147
BUILDING INSPECTOR PROFILE.....	148
COURT, MUNICIPAL, AND LICENSE CLERK PROFILE	149
TAX EXAMINER AND COLLECTOR PROFILE	150
 CHAPTER 30 FOUNDATION KNOWLEDGE AND SKILLS AND PAYCHECKS AND BUDGETS	
FKS: HUMAN SERVICES AND RESOURCES	151
PAYCHECK	152
PAYCHECK STUB.....	153
BUDGET	154
WRITE A BUDGET	155
 UNIT 6 – BUSINESS, MARKETING, AND MANAGEMENT	
IMPORTANT WORDS TO KNOW	156
 CHAPTER 31 FIELD: BUSINESS, MARKETING AND MANAGEMENT	
BUSINESS, MARKETING, AND MANAGEMENT	157
MARKETING, SALES, AND SERVICES	158
BUSINESS, MANAGEMENT, AND ADMINISTRATION.....	159
HOSPITALITY AND TOURISM	160
FINANCE	161

CHAPTER 32 MARKETING PROFILES

RETAIL SALESPERSON PROFILE	162
CASHIER PROFILE.....	163
WHOLESALE SALES REP PROFILE	164
RETAIL SALES SUPERVISOR PROFILE.....	165
SERVICES SALES REP PROFILE	166

CHAPTER 33 BUSINESS, MANAGEMENT, AND ADMINISTRATION PROFILES

CUSTOMER SERVICE REP PROFILE.....	167
GENERAL OFFICE CLERK PROFILE	168
GENERAL AND OPERATIONS MANAGER PROFILE	169
ADMINISTRATIVE ASSISTANT PROFILE	170
STOCK CLERK AND ORDER FILLER PROFILE	171

CHAPTER 34 HOSPITALITY AND TOURISM PROFILES

FOOD PREPARER AND SERVER PROFILE.....	172
WAITER AND WAITRESS PROFILE	173
JANITOR AND CLEANER PROFILE.....	174
HOUSEKEEPING CLEANER PROFILE.....	175
RESTAURANT COOK PROFILE.....	176

CHAPTER 35 FINANCE PROFILES

ACCOUNTANT AND AUDITOR PROFILE.....	177
TELLER PROFILE	178
BILL COLLECTOR PROFILE	179
INSURANCE SALES AGENT PROFILE	180
FINANCIAL MANAGER PROFILE.....	181

CHAPTER 36 FOUNDATION KNOWLEDGE AND SKILLS AND YOUR LIFE PLAN

FKS: BUSINESS, MARKETING, AND MANAGEMENT	182
TAKING RESPONSIBILITY FOR YOUR LIFE	183
SOCIALIZING	184
THE POWER OF YOUR MIND.....	185
YOUR LIFE PLAN.....	186

IMPORTANT WORDS AND MEANINGS	187
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CAREER FIELDS

People work to earn a living. There are many different kinds of work. Let's look at six big career fields. They are about everyday life.

1. Environmental and Agricultural Systems → plants, animals, and nature
2. Communications and Information Systems → arts, movies, and production; computers and software
3. Industrial, Manufacturing, and Engineering Systems → building and making things
4. Health Sciences → health
5. Human Services and Resources → helping people and government
6. Business, Marketing, and Management → business, ads, and money



The first field is Environmental and Agricultural Systems. In this field, people work with plants, animals, and the environment. It's managing natural resources. Natural resources are the things found in nature: land, water, forests, and minerals.

Environmental and Agricultural Systems

Do you like to eat? _____ Do you like to breathe? _____
Do you like to drink clean water? _____
Do you like parks? _____ Do you like lakes and streams? _____
Do you like animals? _____ Do you like forests? _____

The Game: Check the words that have to do with Environmental and Agricultural Systems.

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> land | <input type="checkbox"/> water |
| <input type="checkbox"/> games | <input type="checkbox"/> forests |
| <input type="checkbox"/> copper and silver | <input type="checkbox"/> space ships |
| <input type="checkbox"/> parks and lakes | <input type="checkbox"/> farms |
| <input type="checkbox"/> crops and animals | <input type="checkbox"/> make-up |



What is the first big career field?

ENVIRONMENTAL AND AGRICULTURAL SYSTEMS

Environmental and Agricultural Systems is growing plants and animals. It's about natural resources. It's about food science: what makes up food.



Many students like to grow plants and raise animals. Future Farmers of America (FFA), 4-H, and other agricultural clubs are fun! Most schools have these clubs.

FYI: Horticulture is growing plants for beauty and usefulness.

Cultivation is the planting, tending, or harvesting of crops or plants.

A big part of finding the right career is knowing your interests.

Do you like animals? _____

Do you like flowers, trees, or other plants? _____

Do you have a pet? _____

Write a story about your pet or a pet you want.

The Game: Check the words that have to do with Environmental and Agricultural Systems.

- | | |
|--|---|
| <input type="checkbox"/> growing plants | <input type="checkbox"/> cultivation of crops |
| <input type="checkbox"/> managing a bank | <input type="checkbox"/> drawing cartoons |
| <input type="checkbox"/> caring for animals | <input type="checkbox"/> making dresses |
| <input type="checkbox"/> horticulture | <input type="checkbox"/> laying tile |
| <input type="checkbox"/> managing natural resources in forests | |



What is horticulture?

JOB OR CAREER

Happiness is finding the right career.

Find out more about a career that interests you:

- talk to people who work in the field
- use the library to read about the career
- use the Internet to read stories, research facts, and watch videos



Job or Career?

A job is work you do to earn a living. A job usually doesn't need a lot of education. A job may be temporary.

A career is your lifework. A career pays money, but the main reason you work in your career is because it's what you love. A career may require special training. Usually a person stays in the same career for many years.

Zane and Kai finished high school. They both got summer jobs at a wilderness park. They are laborers. They clear trails, fill in holes, dig ditches, and move supplies. It's hard work. Their team has a camp where they eat their meals. They sleep in tents. Zane loves being in the woods. He plans to apply for a full-time laborer job. He thinks he wants to work for the parks as a career. Kai likes camping, but manual labor is not fun for her. Kai likes computer work.

FYI: Manual labor is physical work done by people (not machines).

The Game: Read about Zane and Kai again. Answer the questions.

1. Zane and Kai do what kind of work? _____
2. Which teen is thinking about a career with the park service? _____
Why? _____
3. Which teen probably won't have a career as a park laborer? _____
Why? _____
4. Would you like to work as a laborer in a wilderness camp? _____
Why? _____



What is manual labor?

DOG WALKER PROFILE

You have to make money to live. But doing what you love is important too.

Ali is in school. He needs to make money. He also wants work experience. Ali loves animals. His dream career is working with animals. Ali thinks being a dog walker is the perfect job. In most places, dog walkers don't need a special license. Ali could set up a dog walking business, but he doesn't want to get a business license. He decided to work with Wagglers, a dog-walking company in his town.



Dog Walker Profile

Duties:

- Exercise clients' dogs every day
- Properly water the pets while exercising
- Use bags to clean up waste
- Manage your schedule and bookings
- Collect and record payments for services
- Obey all city and neighborhood regulations

Education:

- High school education preferred
- No on-the-job training available; experience working with dogs required
- Knowledge of animal first aid strongly preferred
- High school subjects that help: English, math, biology

Pay: Average to great

Job Outlook: Average

The Game: Answer the questions.

1. Would you like to be a dog walker? _____ Why? _____

2. What are some of the duties of a dog walker? _____

3. Do dog walkers need a college education? _____

4. Do dog walkers need a license? _____

5. What is Ali's dream career? _____

6. Why doesn't Ali want to set up a business? _____

PAYCHECK

Paychecks make most workers smile. It feels good to get paid. But, it's up to you to check your paycheck. Don't get cheated out of your money. Make sure everything is correct.

John Allen is a clerk. He works for City Home Healthcare (300 North St, Leander, TX 78641). John's address is 504 Oak Lane, Leander, TX 78641. John looked at his paycheck carefully. He noticed a huge mistake! Here is John's paycheck:

City Home Healthcare 300 North Street Leander, TX 78641	Check Number: 526 Pay Date 03/10/
PAY *** Six hundred and one dollar and one cent *****	
\$601.01	
To the order of	
Marco Garza 504 Oak Lane Leander, TX 78641	
<i>Sal Miller</i>	

If you see a mistake on your paycheck, don't cash the check. The first thing to do is find the right person to help you. Usually the right person isn't your boss. Try the payroll office or the human resources office.

When you start a job, you fill out a W-4 form. It determines the taxes that are taken out of your paycheck. In January, your employer will give you a W-2 form. The W-2 shows the money earned and tax totals for the past year. Keep your W-2. You must have this information to file your taxes.

The Game: Answer the questions.

1. What is the huge mistake on John's paycheck? _____
2. Is the date correct? _____ Use this year and write the correct date. _____
3. Is John's address correct? _____
4. Is John's employer's name and address correct? _____
5. Who signed John's paycheck? _____