

Escape Box Template

Introduction

Topic: Careers

Learning Objective:

The students will be able to identify different careers in agriculture and categorize them by career interests and field.

Initial Materials for Provided to Escapees:

- Text Message Sheet (3 pages)
- Modified Career Assessment (5 Pages)
- Motivational posters (3 pages)
- Scrambled Sentence (1 page)
- Scrambled letters (1 page)
- Sample Resumé (1 page)
- Modified Careers Ag Mag
- Job posts (optional)
- USDA Living Science Agriculture Careers sheets
- 1 worksheet/person
- Backlight

Full Materials List:

- Escape Box
- Sign in sheet
- Directional lock (or worksheet)
- Modified "Career Assessment" sheet
 - "Responses to Career Assessment" sheet
 - Modified "Hexagon Graph" sheet (with arrows)
 - Careers List by Interest Area sheets (two pages)
- Blank career assessments per student (optional)
- 5-Letter Lock
- Motivational Posters (3)
- Scrambled Letters
- Scrambled Sentence
- Modified Career Assessment with "apply" blacked out (optional)

- 3-Digit Lock
- Modified Career Ag Mag – *(Using Black light Marker) Number the sections as follows:*
 1. *Plant Science*
 2. *Animal Science*
 3. *Ag Mechanic*
 4. *Food Science*
 5. *Natural Resources*
 6. *Environmental Sciences*
 7. *Agricultural Business*
- Backlight
- Text messages from Jamie and Alex (3 pages)
- 4-digit number lock
- Resume

Story

Storyline Objective:

Go through the clues at the career fair to unlock the box and sign the attendance sheet.

Story Background:

(Script)

“Your school is hosting a career fair, but you’d rather sit on your phone and text your friends, browse Facebook, or do literally anything else. However, attendance at the career fair is mandatory, and your teacher, Ms./Mr. _____, has even assigned points for going. All you have to do to get the points is sign the attendance sheet hidden in the locked box. Should be no problem, right? Use the clues your friends Alex and Jamie leave behind, and all the other resources you picked up from the career fair and you’ll get full credit in no time. You might even learn something, too!”

Initial Instructions:

[see script above]

Puzzles

Puzzle 1. – Directional Lock

Solution: Up, left, right, up

Materials: (Lock, Resources)

- Directional lock (or worksheet)
- Modified “Career Assessment” sheet
 - “Responses to Career Assessment” sheet
 - Modified “Hexagon Graph” sheet (with arrows)
 - Careers List by Interest Area sheets (two pages)
- Blank career assessments per student (optional)

Story Connection:

The career assessment gives students an idea of what area careers might interest them.

Procedure for solving puzzle:

1. Examine the completed responses on the career assessment sheet.
2. Compare each response to the proper evaluation statement on the “Responses to the Career Assessment” sheet. Note the area of interest indicated by the statement.
3. Identify the direction for each noted area of interest found on the “Hexagon Graph” sheet.

Example: “Do you enjoy working outdoors?” Yes.

If you answered yes, put a mark by Realistic.

*On the hexagon graph, notice the Realistic section has an **up** arrow, indicating the first direction in the combination.*

***Special Note:** Some directional locks are comprised of 5 inputs for the combination (i.e. the five-wheel lock similar to the letter lock). Possible accommodations for this type of lock include:

- Include an “X” or blank space on fifth wheel and inform students ahead of time.
- Answer another question on the “Career Assessment Sheet” to correspond to a fifth direction on the “Hexagon Graph”

Puzzle 2. – Word Lock

Solution: A-P-P-L-Y

Materials: (Lock, Resources)

- 5-Letter Lock
- Motivational Posters (3)
- Scrambled Letters
- Scrambled Sentence
- Modified Career Assessment with “apply” blacked out (optional)

Story Connection:

In looking at careers, “apply” has multiple meanings:

Apply for a job.

Put forth the effort

...etc.

Procedure:

There are several ways to come to this solution.

- A. Unscramble the letters
- B. Solve the riddle in the scrambled sentence
- C. Find the commonality between the motivational posters
- D. Look at the blacked-out word in the career assessment (optional)

Puzzle 3. – 3-Digit number lock

Solution: 4-7-2

Materials: (Lock, Resources)

- 3-Digit Lock
- Modified Career Ag Mag – (*Using Black light Marker*) Number the sections as follows:
 1. *Plant Science*
 2. *Animal Science*
 3. *Ag Mechanic*
 4. *Food Science*
 5. *Natural Resources*
 6. *Environmental Sciences*
 7. *Agricultural Business*
- Blacklight
- Text messages from Jamie and Alex (3 pages)

Story Connection:

Your friends Jamie and Alex have already gone through the career fair, while they both learned a lot, one of them was a bit more receptive to everything the fair had to offer. Figure out which friend was more positive and follow their lead.

Procedure:

1. Read the text conversation between Alex and Jamie.
2. Identify the 3 careers Jamie liked.
3. Find the careers in the middle pages of the career ag mag.
4. Use the black light to find the hidden number that corresponds with each of Jamie's 3 favorite careers, in order.

Puzzle 4. – 4-Digit Number Lock

Solution: 3-4-1-2

Materials: (Lock, Resources)

- 4-digit number lock
- Resume

Story Connection:

An important part of exploring careers is learning about resumes, job experience, and references.

Procedure:

Put the number associated with each reference in order as they relate to experience.

The most recent reference is first, and so on.

***Hint:** it may be advantageous to inform the students that “most recent experience should be listed first on any resume.”

Career Assessment

Holland's Interest Assessment

1. Do you enjoy working outdoors?

Yes

No

2. Do you prefer to work with:

Things

Alone

Ideas

People

People and Ideas

3. Do you like to work with tools and machines?

Yes

No

4. Do you enjoy investigating what makes things the way they are?

Yes

No

5. Mark which of the following skills

_____ to you: (mark all that _____)

Athletic ability

Mathematical and scientific

Artistic skills

Leadership and speaking

Numerical

Social skills

6. Do you like to solve problems?

Yes

No

7. Do you have a good imagination?

Yes

No

8. Are you interested in human relationships?

Yes

No

9. Do you like to help others with problems?

Yes

No

10. Are you interested in economics and politics?

Yes

No

11. Do you like to try to convince people?

Yes

No

12. Do you enjoy working with words and numbers?

Yes

No

13. Do you carry out tasks in detail?

Yes

No

14. Do you follow through on others' instructions?

Yes

No

15. Do you enjoy creating original work?

Yes

No

16. Mark which of the following best describe you:

(circle all that _____)

a) I like to do what people expect of me. I am truthful and practical. I like to save my money. I don't like to brag about myself.

b) I like to question and find out about things. I like to work by myself and do a good job, but I don't brag about how good I am doing.

c) I like to work by myself and come up with new ideas. I sometimes do things differently than others would. I am creative.

d) I like to help others. I am friendly, patient and understanding. People can trust me.

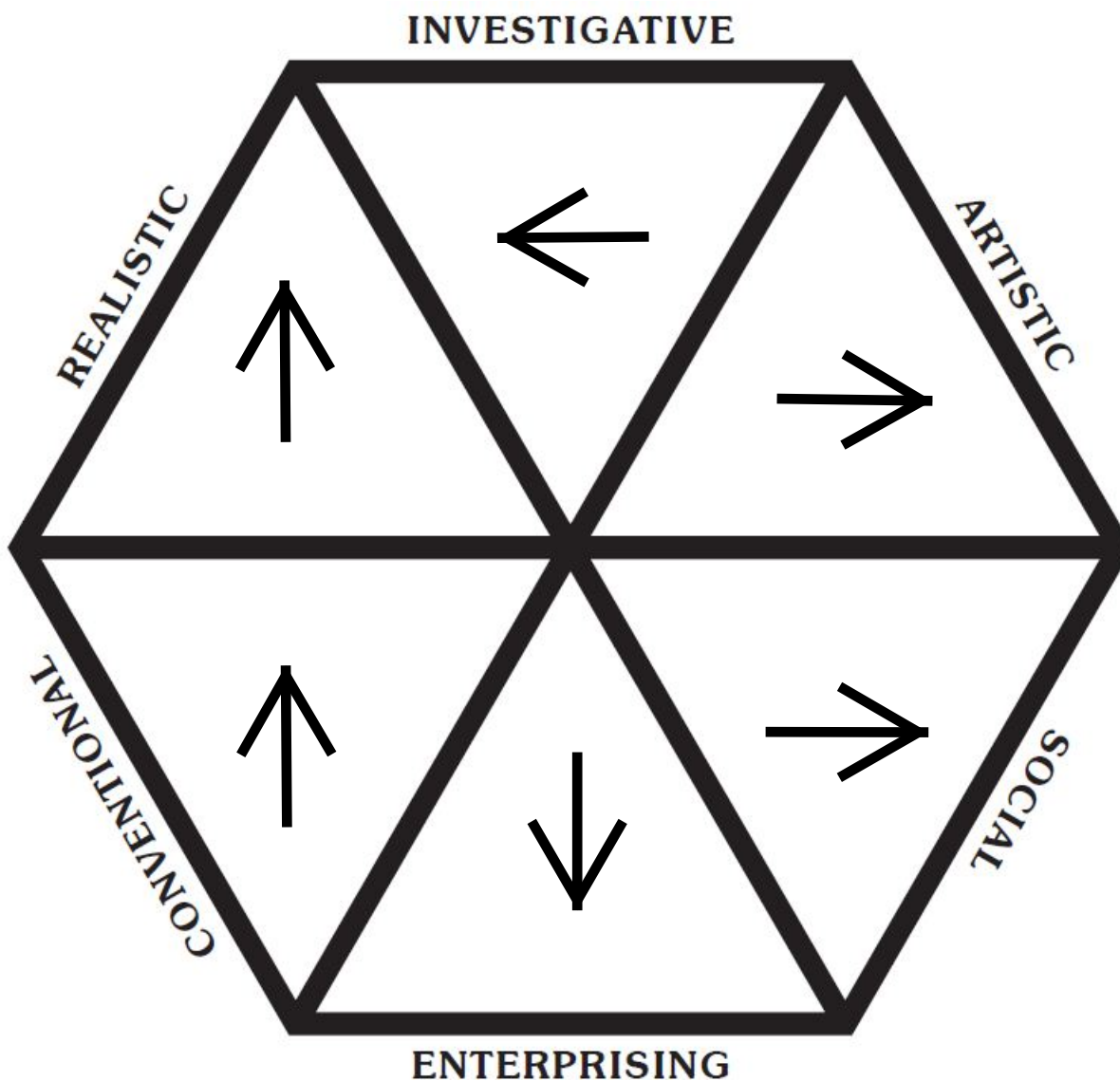
e) I am outgoing and popular. I think that everything will turn out for the best. I like to explore and I have lots of energy.

f) I like to do what people expect of me. I like to save my money. If something doesn't work the first time, I will try again until it does work.

Responses to the Career Assessment

1. If you answered yes, put a mark by Realistic.
2. If you marked *Things*, put a mark by Realistic.
If you marked *Alone*, put a mark by Investigative.
If you marked *Ideas*, put a mark by Artistic.
If you marked *People*, put a mark by Social.
If you marked *People and Ideas*, put a mark by Enterprising.
3. If you answered yes, put a mark by *Realistic*.
4. If you answered yes, put a mark by *Investigative*.
5. If you marked *Athletic Ability*, put a mark by Realistic.
If you marked *Mathematical and Scientific*, put a mark by Investigative.
If you marked *Artistic Skills*, put a mark by Artistic.
If you marked *Leadership and Speaking*, put a mark by Enterprising.
If you marked *Clerical or Numerical*, put a mark by Conventional.
If you marked *Social Skills*, put a mark by Social.
6. If you answered yes, put a mark by Investigative.
7. If you answered yes, put a mark by Artistic.
8. If you answered yes, put a mark by Social.
9. If you answered yes, put a mark by Social.
10. If you answered yes, put a mark by Enterprising.
11. If you answered yes, put a mark by Enterprising.
12. If you answered yes, put a mark by Conventional.
13. If you answered yes, put a mark by Conventional.
14. If you answered yes, put a mark by Conventional.
15. If you answered yes, put a mark by Artistic.
16. If you marked *a*, put a mark by Realistic.
If you marked *b*, put a mark by Investigative.
If you marked *c*, put a mark by Artistic.
If you marked *d*, put a mark by Social.
If you marked *e*, put a mark by Enterprising.
If you marked *f*, put a mark by Conventional.

Hexagon Graph Worksheet



INVESTIGATIVE—People who like to observe, learn, investigate, analyze, evaluate or solve problems.

REALISTIC—People who have athletic or mechanical ability, prefer to work with objects, machines, tools, plants or animals, or to be outdoors.

CONVENTIONAL—People who like to work with data, have clerical or numerical ability, carry out tasks in detail or follow through on others' instructions.

ENTERPRISING—People who like to work with people, influencing, persuading, performing, leading or managing for organizational goals for economic gain.

SOCIAL—People who like to work with people to enlighten, inform, help, train, or cure them, or are skilled with words.

ARTISTIC—People who have artistic, innovative or intuitional abilities and like to work in unstructured situations using their imagination and creativity.

Agricultural Career Options

My name is _____

My career characteristics indicate that I am:

I am interested in these careers:

Realistic DOERS

Appliance Mechanic
Aquaculturist
Automobile Body Repairer
Automotive Engineer
Automobile Mechanic
Baker/Chef
Carpenter
Construction Worker
Diesel Mechanic
Electrical Engineer
Farm Equipment Manager
Farmer
Farm Manager
Forester
Groundskeeper
Industrial Supervisor
Instrument Repair and Maintenance
Laboratory Technician
Machinist
Maintenance Repairer
Mechanical Engineer
Oceanographer
Truck Driver
Water Quality Specialist

Investigative THINKERS

Agronomist
Biochemist
Biologist
Cartographer
Chemical Engineer
Chemical Technician
Chemist
Computer Engineer
Computer Programmer
Computer Systems Analyst
Ecologist
Economist
Electrical Engineer
Hazardous Waste Technician
Horticulturist
Industrial Arts Teacher
Management Consultant
Marketing Research Analyst
Research Analyst
Software Engineer
Statistician
Technical Writer
Veterinarian

Artistic CREATORS

Advertising Art Director
Advertising Manager
Copywriter
Graphic Designer
Journalist/Reporter
Landscape Architect
Photographer
Writer/Editor

Agricultural Career Options

Enterprising PERSUADERS

Advertising, Marketing
Public Relations Manager
Advertising Sales Representative
Financial Planner
Financial Manager
Buyer
Computer Operator
Cook/Chef
Credit Manager
Educational - Training Manager
Educational Administrator
Food Service Manager
Foreign Service Office
Industrial Engineer
Interpreter
Journalist
Lobbyist
Manufacturer's Representative
Office Manager
Restaurant Manager
Retail Store Manager
Sales Representative
Stockbroker

Social HELPERS

College Professor
Community Planner
Dietician
Family and Consumer Sciences
Teacher
Home Economist
Occupational Therapist
Park Naturalist
Personnel Recruiter
Personnel, Training
Labor Relations Specialist
Public Health Educator
School Principal-Administrator
Secondary School Teacher
Special Education Teacher
Teacher's Aide

Conventional ORGANIZERS

Accountant
Administrative Assistant
Bank Teller
Budget Analyst
Computer Operator
Cost Accountant
Financial Analyst
Internal Auditor
Safety Inspector

Cut out and scramble boxes

What

must

you

do

to

get

ahead

in

Life?

— — — — —
Yourself!

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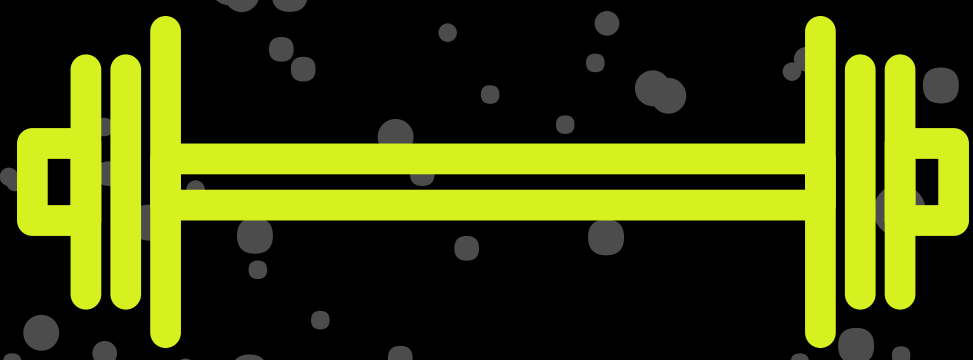
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SOMETIMES OPPORTUNITIES FLOAT RIGHT PAST YOUR NOSE.

WORK HARD, APPLY YOURSELF,

AND BE READY.
WHEN AN OPPORTUNITY
COMES YOU CAN GRAB IT!
--JULIE ANDREWS--



**"DEVELOPING A
GOOD WORK ETHIC
IS KEY. APPLY
YOURSELF AT
WHATEVER YOU
DO, WHETHER YOU
ARE A JANITOR OR
TAKING YOUR FIRST
SUMMER JOB,
BECAUSE THAT
WORK ETHIC WILL BE
REFLECTED IN
EVERYTHING YOU DO
IN LIFE."**

Tyler Perry



KNOWING
IS NOT
ENOUGH;
WE MUST
APPLY

LEONARDO DA VINCI



Jaime



Today 3:44 PM

We seriously have to go to SEVEN stations?

Yea, I heard it's going to take like 3 hours! 🙄

Check out the motivational posters... "make sure you apply yourself"... lol

Well that was 30 minutes of my life I will never get back! I learned how to identify trees 🌲 ... Arborist? 🤔

I'm sure there is more to it than IDing trees. Plus working outside sounds cool.

My station was surprisingly interesting. We got a sample of chocolate cake (awesome) and the pics of the culinary school were incredible.



iMessage





Jaime



"Alex the food scientist" I like the sounds of that. 🍰 🍕 🌮
Maybe this career fair isn't SO bad

Well good for you, but I can't even make a frozen pizza! I will be skipping that one. On to the next one... 😴

I just saw some pretty cool posters that a marketing specialist designed. I never saw myself working for a company and sitting at a computer all day, but after seeing their materials I'm intrigued.

Cool... I just learned about welding. I could see myself burning 🔥 my entire hand off, ha! I will be skipping the marketing specialist too, sitting all day? No thanks!



iMessage





Jaime



marketing specialist too, sitting all day? No thanks!

Well you wouldn't be sitting all day if you were a welder, so that's a plus.

I just spent a lot of time talking to a veterinarian. Maybe that's something you would enjoy. You'd be doing something different every day! Sorry you aren't having a good time... 🙄

Maybe... but who knows what I'll be thinking in 2 years when I'm actually in college. 📚

We should probably quit texting. Try to enjoy the rest of the career fair. I'll see you at lunch.

Delivered



iMessage



Alex: We seriously have to go to SEVEN stations? How long is this going to take?

Jamie: Yeah, I heard it's going to take like three hours!

Alex: Check out the motivational posters... "Make sure you APPLY yourself!" ha. Here we go...

Jamie: Well that was 30 minutes of my life I will never get back! I learned how to identify trees...Arborist? (rolling my eyes)

Alex: I'm sure there is more to it than identifying trees, and you love to be outside. My station was surprisingly interesting. We were given a sample of chocolate cake (that was awesome!) and the pictures of the culinary school were incredible. Alex, the food scientist...I like the sound of that! 😊 Maybe this career fair won't be so bad.

Jamie: Well good for you, but I can't even make a frozen pizza, so I won't be going to that station. On to the next one.

Alex: I just saw some pretty cool posters that a marketing specialist designed. I never saw myself working for a company and sitting in front of a computer all day, but after seeing their materials, I'm intrigued.

Jamie: Cool...I just learned about welding. I could see myself burning my whole hand off, ha! I will be skipping the marketing specialist too, sitting all day? No thanks!

Alex: Well you wouldn't be sitting all day if you were a welder, so that's a plus! I spent a lot of time talking with a veterinarian, sounds like a very interesting career. Maybe that is something you would enjoy, you would be doing something different every day! Sorry you aren't having a good time.

Jamie: Maybe... but who knows what I will be thinking in two years when I am actually in college.

Alex: We should probably quit texting, try to enjoy the rest of the career fair, see you at lunch!

Jamie: L8er

Jonathan Sample

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Objective

To acquire a job opportunity in an agriculture field and to gain knowledge in the profession

Education

WESTBANK HIGH

- Sophomore with coursework in Basic Horticulture, Animal Science, and Food Systems

Skills & Abilities

MANAGEMENT

- Organized a small team to ensure timely and fully operational open of concession stand

SALES

- Secured mowing clients by imploring door-to-door sales strategies

COMMUNICATION

- Delivered motivational speech to large audience including peers, teachers, and community dignitaries

LEADERSHIP

- Successfully led key projects which resulted in fully-funded class trip being offered to students

Experience

CONSESSION STAND WORKER | ROSEWOOD PARK DISTRICT | OCTOBER 2016-PRESENT

- Responsible for POS customer interactions, maintaining inventory, and purchase requests

LAWNCARE PROVIDER | TERRY'S LAWN AND SNOW | MAY 2016-OCTOBER 2016

- Cut grass with a 5-foot deck ZTR mower with efficiency and precision

DOG WALKER | 4-LEGGED WALKERS | JUNE 2015-AUGUST 2015

- Provided pet care services including walking, feeding, and watering dogs

BABYSITTER | MULTIPLE CLIENTS | SEPTEMBER 2013-APRIL 2015

- Maintained fun, safe, and stimulating child-friendly environment at various locations

References

- Dion Myers | Owner 4-Legged Walkers | 567.233.4500
- Mary Wisdom | Babysitting Client | 309.788.1313
- Joseph Tall | Rosewood Park District Manager | 899.708.0000
- Terry Kind | Owner Terry's Lawn and Snow | 309.111.4123