

## VOCABULARY WORDS

### *Activity #1*

Agribusiness - refers to any business related to agriculture production; combination of **agriculture** and **business**.

Breeder - owner of the mare at the time she gets pregnant.

Caretaker - person who looks after a race horse on a daily basis; also known as a groom (or swipe in the olden days)

Equine Management - study of skills related to marketing, operations, and managing horse-related businesses.

Equine Science - study of topics such as physiology, nutrition, reproduction, and genetics of horses.

Herbivore - animal that eats exclusively plants.

Non-Ruminant - animal that has a simple stomach; also known as a monogastric.

Sire Stakes Program - carefully designed races that promote race horse production within a given state or province based on where a stallion is located during breeding season.

Standardbred Canada/TrackIT - Canadian national membership organization for all harness racing participants including breeders, drivers, officials, owners, and trainers; TrackIT is their statistical database

US Trotting Association/Pathways - United States national membership organization for all harness racing breeders, drivers, officials, owners, and trainers; Pathways is their statistical database.

### *Activity #2*

Whether you plan to study **Equine Management** or **Equine Science** or any other degree related to horses in college, the more experience you have in the industry the better. Many successful managers and trainers and drivers began in the barn as **caretakers** because they loved being around horses. Simple day-to-day hands-on participation allows for learning things like the technical name based on a horse's digestive system construction and eating habits: a **non-ruminant herbivore** and it easier to see first-hand the importance of the racing industry to the **agribusiness** economy.

Becoming members of national membership organizations like **Standardbred Canada** and **US Trotting Association**, and delving into their respective databases **TrackIT** and **Pathways\_** allows for even more understanding.

At some point, you might be a race horse owner or decide to buy a broodmare so you can experience raising a foal as a **breeder**. The feeling of watching your own horse compete in a Grand Circuit event or in a state **sire stake programs** is unmatched in terms of personal satisfaction!

### Harness Racing Career Word Search – ANSWERS

L G R O U N D S K E E P E R O  
Q L U T R R L R N Q P R Q Y F  
H J P E E T A U Q L R U F  
R S O N S T D T L I C A E B I  
E E W U R T T I R N T U T C  
P O H A R O R E R E R F S S E  
P R T P R N C E R T A U A I S  
A S E N A N A C L R U W M T  
C C E V U R E L M A B O B N A  
I Y H O I S G M I N T Y E E F  
D I N A E R A O R S T I W D F  
N N Y C R N D I T P T M O E B  
A Z A J A T J Z R O R M G N A  
H R P G W O E R A R H T R I S  
C S E G D U J R I T M P E U T  
B R F A R M E R N A F P I Q E  
N A I R A N I R E T E V R E L  
C A R E T A K E R I H T R X L  
B U R T N A T N U O C C A W E  
Y T I R U C E S W N G Y F G R

## HORSES EAT - BUT WHERE DOES IT GO?

### Activity #1 & #2

PART	HORSE in feet	HORSE in inches	HUMAN in inches	HORSES AND HUMANS difference	
MOUTH	1.5'	18"	3"	15"	White
ESOPHAGUS	5'	60"	12"	48"	Brown
STOMACH	.5'	6"	6"	0	Blue
SMALL INTESTINE	70'	840"	15"	785"	Red or pink
CECUM	4'	48"	DO NOT HAVE	---	Black
LARGE COLON	12'	144"	Note: the TOTAL length of the large and small colon and rectum in humans is 48"	---	Green
SMALL COLON	10'	120"	---	---	Green
RECTUM	1'	12"	---	---	Green

### Activity #4

1. Hot weather, heavy exercise, sickness, too much salt in diet, and others
2. Horse has cecum, human has gall bladder, horse cannot throw up, and others
3. 14,600 - 18,250 pounds of manure each year; 8 - 9 tons
4. 1,825 - 3,650 gallons of water each year

## HARNESS HEROES

1. Tie - Six Pack, Atlanta 1:49.1
2. McWicked - 1:46.2
3. Atlanta, Greenshoe, Six Pack, Bettor's Wish, Caviart Ally, Century Farroh, Lyon's Sentinel, McWicked, Shartin N, Sunny Dee, Tall Dark Stranger, Warrawee Ubeaut
4. Bettor's Wish \$1,643,745
5. Shartin N
6. Forbidden Trade (2019 O'Brien Award - Horse of the Year - mistakenly left off card)
7. Alicorn, Dip Me Hanover, HP Royal Theo, Lyon's Sentinel, Ramona Hill, Real Cool Sam, Tall Dark Stranger
8. Tim Tetrick
9. Joe Faraldo

10. Outside US - Dexter Dunn, Al Libfeld, Marvin Katz, Bob McClure, Marcus Melander, Richard Moreau, Louis Philpee-Roy  
     Inside US - Tom Charters, Joe Faraldo, Jeff Gural, Robert Lasky, Phil Pikelny, Bill Popfinger, Tim Tetrick, Ken Weingartner
11. Tom Charters
12. Richard Moreau

**HOW AND WHY STANDARDBREDS HELP AGRIBUSINESS**

*Activity #1*

1. Ohio
2. Pennsylvania
3. New York
4. Indiana
5. New Jersey

*Note: Ontario is not a state; it is a province.*

*Activity #2*

<b>STATE, # OF MARES BRED</b>	<b>ROUNDED NUMBER</b>
1. Ohio 2,786	2,800
2. Indiana 2,510	2,500
3. Pennsylvania 2,095	2,100
4. New York 1,180	1,200
5. New Jersey 735	700





## **HARNESS RACING CAREERS EXPLORATION**

1. Backstretch, Paddock, Grandstand, and Clubhouse
2. Breeding Farm
3. Veterinarian
4. Executive Chef
5. Equine Therapist
6. Marketing & Communications
7. Starter
8. Hands-on Track, Farm, Racetrack, Specialized/Skilled
9. 250,000
10. 5%
11. \*Feeding, grooming, preparing horse for daily work, bathing and grooming afterward, and cleaning the horse's stall regularly
  - \*Assisting the trainer with shipping the horses
  - \*Caring for the horse at the barn and in the paddock on race nights
  - \*Monitoring the health and hygiene of the horse
  - \*Communicating any observations or concerns about the horse to the trainer
  - \*Cleaning and checking all equipment for safety after use
12. Pass a series of written, medical, and practical tests
13. Race Secretary
14. Announcer
15. Farrier
16. Farmer
17. General Manager
18. Many possible answers including caretaker, trainer, driver, farrier, veterinarian, veterinary assistant, equine therapist, stallion manager, and outrider among others.
19. Many possible answers including: journalist, association staff, equipment manufacturer and salesman, attorney, accountant, and insurance agent among others.
20. :)

## **SPOT THE DIFFERENCES**

1. Letter A on bucket the is upside down
2. Brush handle is black
3. Bottom of her shoes have soles and heels
4. Her pony tail hair is thicker
5. The brim of her ball is black
6. There are wraps on the legs of the Standardbred
7. There is a tail shown on the Standardbred
8. The Standardbred has a snip near his muzzle
9. The bridle path is not clipped and there are short mane hairs
10. There is a snap on the bottom of the lead chain
11. There is a seam (line) on the bottom of her shirt
12. There is a line on the top of her pockets

Activity #4

State	Number of Mares Bred
<b>Example: New Jersey</b>	
<b>Indiana</b>	
<b>New York</b>	
<b>Ohio</b>	
<b>Pennsylvania</b>	