# THE HANDERS OF THE SERVICE OF THE SE

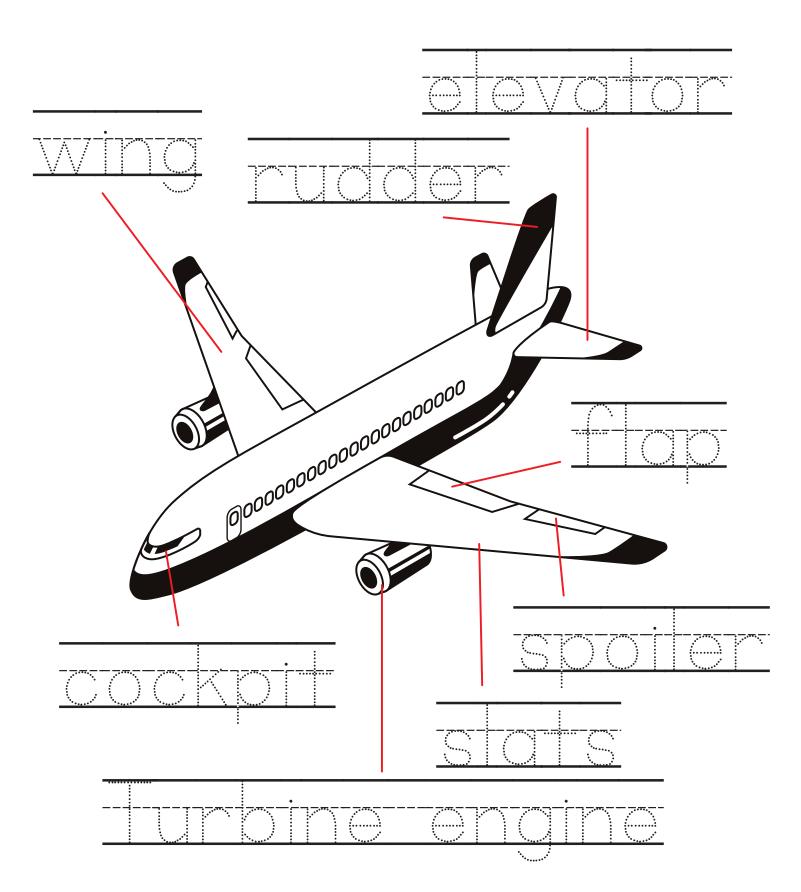


Activity Book



#### PARTS OF A PLANE

TRACE THE WORDS TO LEARN THE DIFFERENT PARTS OF A PLANE



#### FIND THE WORDS

FIND THE HIDDEN WORDS



#### THINGS IN A PLANE CABIN

E E E E R E 0 D 0 K 0 U 0 M N Ы T B W Е Е E Т R Н П 0 R G D 7 R 目 A G X X 目 н Т G A Т E R W E Y E E Т T C U A П P 0 0 0 N R B C Т Е D Е Ц 7 R S F S D Т G J E 0 S C X Т R M R Ц A P R 0 Е C N E R E E R C M M S 目 K S Т В C E F X K N E Т G 目 K X F C E C E

**ROW** 

**AISLE** 

**ARM REST** 

**AIR VENT** 

TRAY TABLE

**EMERGENCY EXIT** 

**CALL BUTTON** 

**SEAT BACK** 



#### WORD SCRAMBLE

FIGURE OUT WHICH WORDS THE MIXED UP LETTERS SPELL

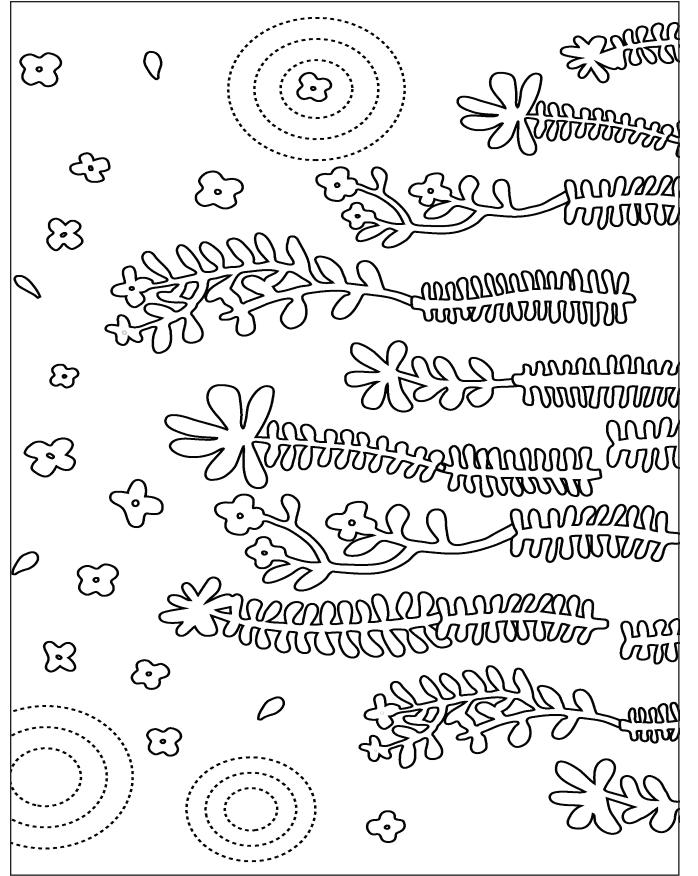
#### **JOBS AT THE AIRPORT**

1.	REIFHTGERIF	
2.	FIRIEALD OERTINSPAA	
3.	GGAGAEB DANLREH	
4.	NEREINGE	
5.	PROTIRA ERNNALP	
6.	ICLNATRECIE	
<b>7.</b>	ODIANTSUC	
8.	IRA FFAICRT TROLELRONC	
9.	GORUDN RECW	
10.	INFANEC DIRCETRO	
11.	PROTIRA NAGAMER	

ANSWER KEY: 1) Firefighter 2) Airfield Operations 3) Baggage Handler 4) Engineer 5) Airport Planner 6) Electrician 7) Custodian 8) Air Traffic Controller 9) Ground Crew 10) Finance Director 11) Airport Manager



THE PHOENIX AIRPORT MUSEUM HAS ARTWORK ALL OVER THE AIRPORT. THERE ARE 9 COLORFUL FLOORS. YOU BE THE ARTIST AND SHOW US YOUR DESIGN.



"Light. Love. Life." by artist Teresa Villegas, 2019, terrazzo floor, 246' 8" x 25' 6", Terminal 3, Level 4, South Concourse Bridge (post-security)

Part of the Phoenix Airport Museum collection



#### **ENCUENTRA LAS PALABRAS**

**ENCUENTRE LAS PALABRAS ESCONDIDAS** 

#### TRABAJOS EN EL AEROPUERTO

G G C N G Т E C R Z E J D N D R R D Ν Á 7 P Т P D A В G R G B R S Е Е Е 0 П Т Ν A C Е Н Е R F R Z N W U A W Z L Ν Т S R 0 P Т S Т Е S R Е D Á E E R R E Ν Т C E L R R 0 P E R C 0 E S F 0 Т F S P C L F D Т L E C M G 0 C C M O S H U Е R G C G D S Е C R E Т R F S L Е Q Q

PORTAVOZ

CARGA

LIMPIEZA

ANALISTA

FINANZAS

**OPERACIONES** 

**INGENIERO** 

ELECTRICISTA

SECRETARIA

**TECNOLOGÍA** 

#### FIND THE WORDS

FIND THE HIDDEN WORDS



#### **WAYS TO FLY**

B S R Е S В P 0 R C G 7 U S Z Ы T 0 E 7 7 П 0 P G Т П A т В E D C D 0 U U B Q E R 0 0 D N W Н R Т R B P 0 Е н Т Е C M S P N A П Е S 7 Ц P R Т R R M R R J C T н S Ц P Е P Е S P G R 0

AIRPLANE AMPHIBIOUS

**BIPLANES** 

**BALLOONS** 

**GLIDERS** 

**GYROPLANE** 

**HELICOPTERS** 

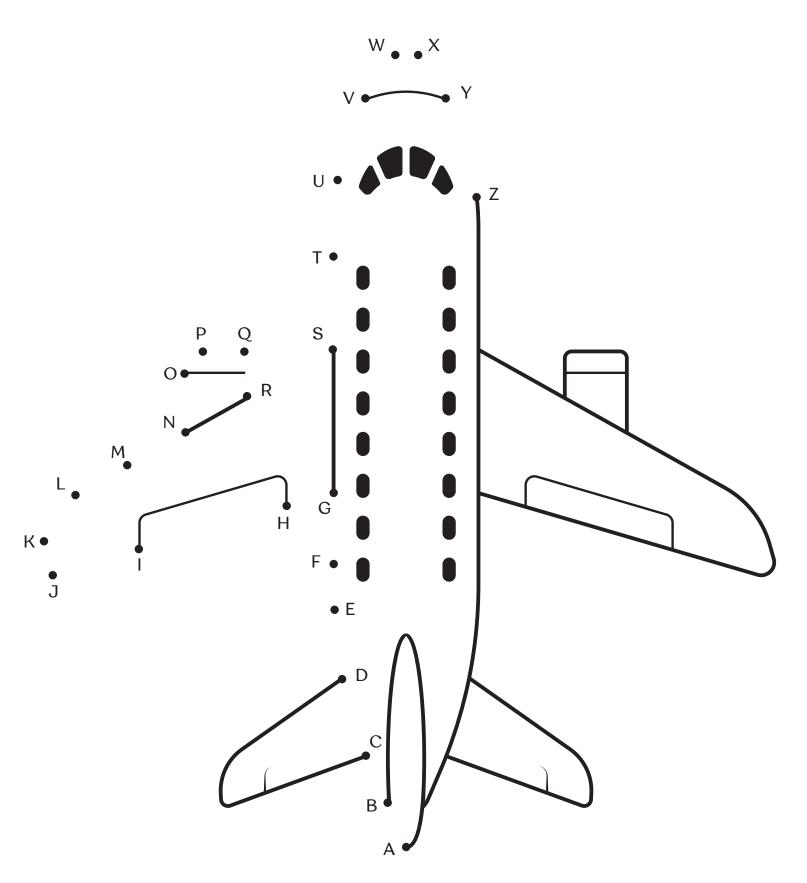
**PARACHUTES** 





#### **CONNECT THE DOTS**

CONNECT THE DOTS FROM A THROUGH Z



HELP SHOW OUR NAVIGATOR BUDDY'S COLORFUL PERSONALITY!







#### **MATCHING GAME**

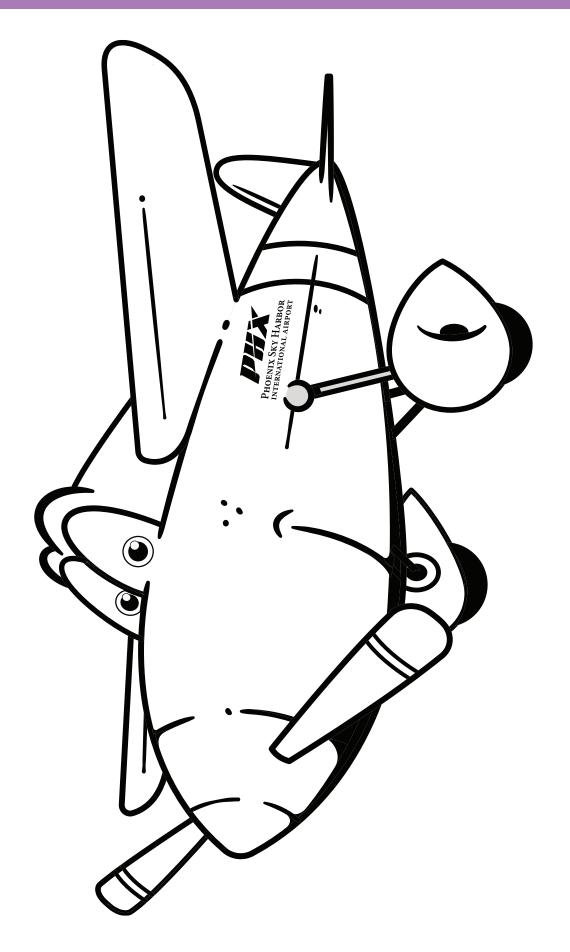
DRAW A LINE FROM THE DEFINITION ON THE LEFT TO ITS MATCHING WORD ON THE RIGHT

#### **ABOUT THE AIRPORT**

	ADOUT THE AIRPORT		
1.	How many terminals does Phoenix Sky Harbor have?	A.	11,489
2.	How long is Phoenix Sky Harbor's longest runway?	В.	114
3.	When did the City of Phoenix purchase Phoenix Sky Harbor?	C.	1990
4.	When did Terminal 4 open?	D.	1,200
5.	How many aircraft arrive and depart on a typical day?	E.	2
6.	How many tons of cargo are handled each day?	F.	26
<b>7.</b>	What year was Terminal 3 completed?	G.	1,000
8.	How many moving walkways are in Terminal 4?	н.	9
9.	How many dog parks are at the airport?	I.	1935
10.	How many airline gates are at Phoenix Sky Harbor?	J.	1979

HELP US DECORATE PHX'S MASCOT AMELIA THE AIRPLANE







#### **CRUCIGRAMA**

DESCUBRE QUÉ PALABRAS DELETREAN LAS LETRAS MEZCLADAS

#### COSAS ÚTILES EN EL AEROPUERTO

- 1. DCDCESIBIILAA

  2. GOONÍEX

  3. LILSA ED DRAEUS

  4. LAMINASE DE AASITCENIS

  5. LSAA ED ÓMNITACIDE

  6. ARSNEOC

  7. PRAAMS

  8. ERPTSAU UTTOMAÁICSA

  9. ÑOBAS CESIBLIAESC
- 10. RÁEA DE EEPRSO



9) Baños Accesibles 10) Area de Repose

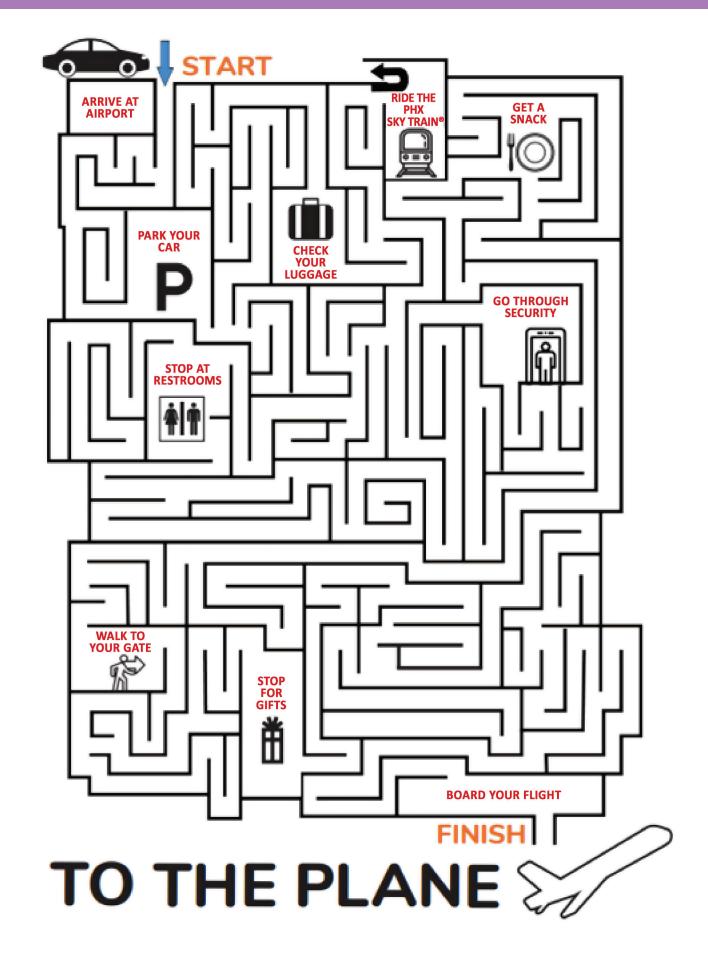
5) Sala de Meditación 6) Ascenor 7) Rampas 8) Puertas Au-tomáticas

RESPUESTAS: 1) Accesibilidad 2) Oxígeno 3) Silla de Ruedaa 4) Animales de Asistencia

#### **FIND YOUR WAY**

START FROM YOUR CAR AND AVOID THE OBSTABCLES TO GET TO YOUR GATE AND CATCH YOUR FLIGHT







#### **AVIATION TRIVIA**

FOR THE OLDER KIDS: DO THIS FUN TRIVIA TEST TO LEARN ABOUT THE PIONEERS IN AVIATION

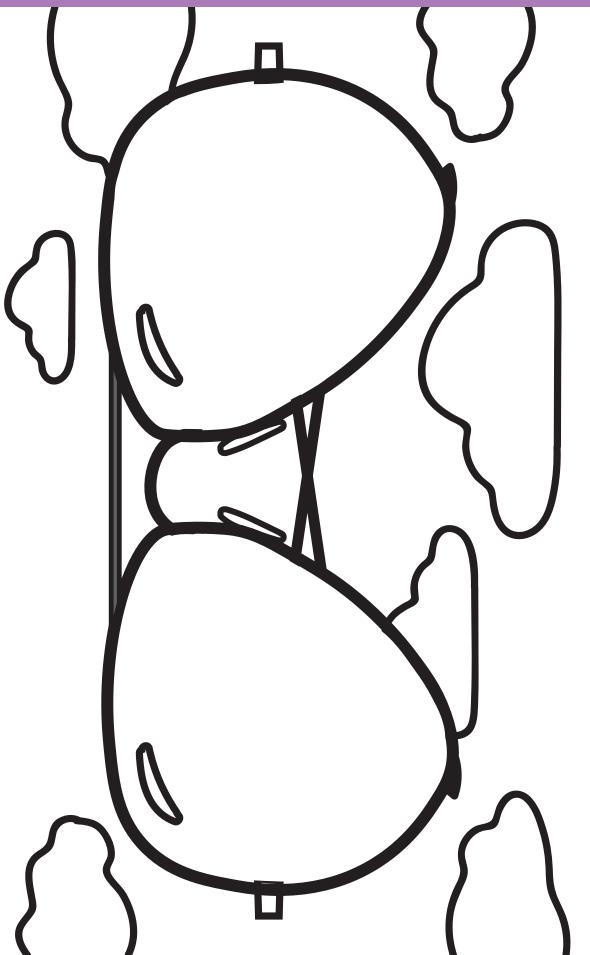
#### THE PIONEERS IN AVIATION

1.	wa	was the first woman to fly across the					
	Atlantic Ocean.						
2.	The Spirit of St. Louis wa	s operated by	on a				
	goodwill tour to Central a						
3.	In 1921,	became the first Afr	rican American to				
	obtain a pilot's license.						
4.	Prior to World War II,	was h	er husband's co-pilot.				
	Together, they made mand Russia.	ny trips to Germany, the l	Middle East				
5.	The first to sustain powe						
	brothers named December 17, 1903 in Kit	ty Hawk, North Carolina.	This occurred on				
6.	Having invented the hydr	rogen balloon,	flew				
	nearly 30 miles in a ballo						
7.	Sir	is credited with single-ha	andedly inventing the				
	turbo-jet engine. A simila several years earlier, but						
8.	Sir the, "Father of Aeronauti	is the man described by a lics."	aviation experts as				
9.	fan	nously said, "To invent ar	n airplane is nothing.				
	To build one is something						
10.	). In 1901,	won an a	aviation prize for				
	successfully piloting an a	irship around the Eiffel T	ower.				

HELP US DECORATE THE BIG AVIATOR GLASSES THAT ARE DISPLAYED IN TERMINAL 3'S ARRIVAL LOBBY AREA. THEY ARE 25 FEET WIDE!

PHOENIX AIRPORT MUSEUM



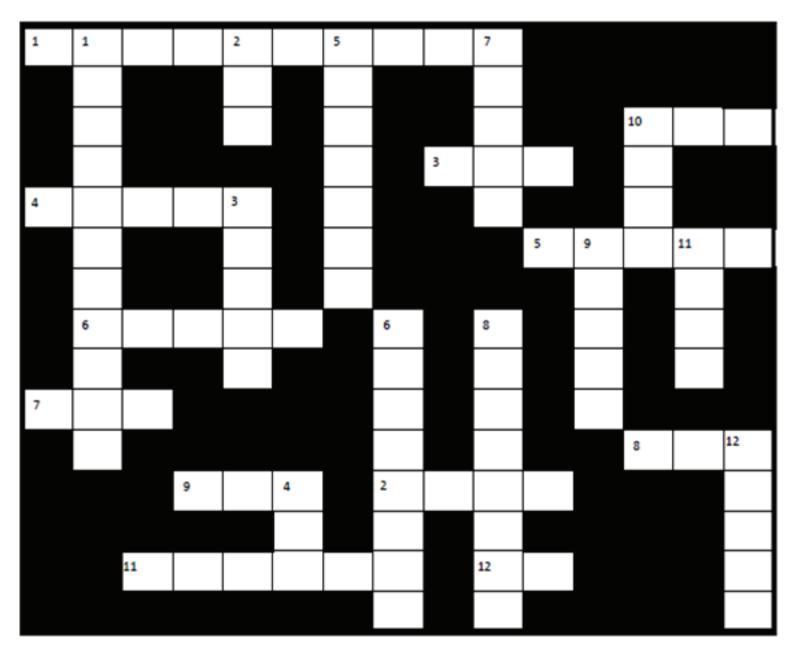


"The Aviators" by artist Donald Lipski, 2018, steel, chromed fiberglass, hand-painted mural, wood frame, 25' 4.75" x 9' 3" (sculpture), Phoenix Airport Museum collection



#### CROSSWORD PUZZLE

FILL IN THE WORDS BASED ON THE CLUES BELOW



#### **ACROSS:**

- 1 Sky Harbor Airport volunteers in purple
- 2 Provides stability during flight
- 3 Aviation / Airport regulator
- 4 Flies the airplane
- 5 Prevents accidental plane wheel movement
- 6 Hold airplanes in the sky
- 7 Military service lounge
- 8 Airport code for Sky Harbor Airport
- 9 North Phoenix general aviation airport code
- 10 Security screening agency
- 11 Houses aircraft
- 12 State code for airport location

#### DOWN:

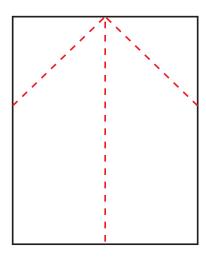
- 1 Arizona home-grown airline
- 2 Airport code for West Valley general aviation airport
- 3 Aviation alphabet for T
- 4 Vehicle that transports luggage to/from airplane
- 5 Act of an airplane getting airborne
- 6 Terminal 3 art piece featuring large sunglasses
- 7 Rental Car Center & East Economy Garages energy amenity
- 8 Aviation term for a passenger processing facility
- 9 Aviation alphabet for H
- 10 Popular airport Mexican food item
- 11 Term for an airline flight team
- 12 Star Wars spacecraft

**ANSWERS ON PAGE 23** 

#### PAPER PLANE

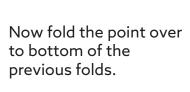
FIND A PIECE OF PAPER AND FOLLOW THE DIRECTIONS FOR THE PERFECT PAPER PLANE

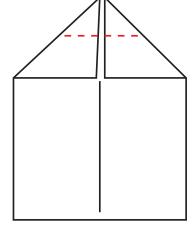


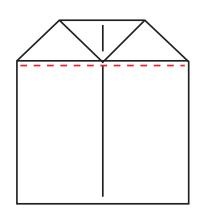


Fold an  $8.5 \times 11$  inch sheet of paper in half lenghthwise and open back up. Fold the top corners down

to the center.

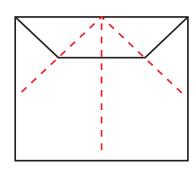


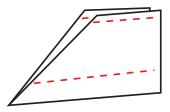




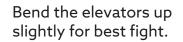
Fold the top down.

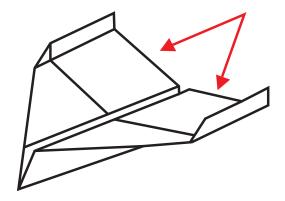
Fold the top corners down to the center. Fold the plane in half towards you.





Now fold the wings out at an angle as shown. Fold the wingtips up.







THE PHOENIX AIRPORT MUSEUM HAS ARTWORK ALL OVER THE AIRPORT. BLANCHETTE IS A FAVORITE AMONG KIDS. HELP US DECORATE HER!

## Inspired by Blanchette by artist Christy Puetz 2021, carved foam, clay, glass beads and felted wool,



#### WORD SCRAMBLE

FIGURE OUT WHICH WORDS THE MIXED UP LETTERS SPELL



#### **TYPES OF AIRPLANES**

1.	IPPRE	
2.	SANSEC	
3.	BCECEHTAFR	
4.	ONGIEB	
5.	TJEREAL	
6.	MESLGUTFAR	
7.	VYGROAE	
8.	TYOCATALRRF	
9.	LCHEDEKO	
10.	BSARIU	
11.	ECNODROC	





1. ÁCECONMI

#### **CRUCIGRAMA**

DESCUBRE QUÉ PALABRAS DELETREAN LAS LETRAS MEZCLADAS

#### TRABAJOS EN EL AEROPUERTO

- 2. COPIAÍL \_\_\_\_\_
- 3. PETITIOANORSC \_\_\_\_\_
- 4. REORJDAIN
- 5. DE AMAPR AELNOPRS \_\_\_\_\_\_
- 6. SRDOLDAO \_\_\_\_\_\_
- 7. TETANISS ED OVULE
- 8. LPOTIO
- 9. GREENET ED COOPTERSY \_\_\_\_\_\_
- 10. ANISETTES DE AECIOSPOREN



10) Asistente de Operaciones

RESPUESTAS: 1) Mecánico 2) Policía 3) Receptionista 4) Jardinero 5) Personal de rampa 6) Soldador 7) Asistente de vuelo 8) Piloto 9) Gerente de proyectos

#### **ENCUENTRA LAS PALABRAS**





#### **DESTINOS**

C	Ú	R	V	V	A	U	н	A	U	н	т	н	C	V
1	G	Á	U	A	R	A	J	A	L	A	D	A	U	G
X	0	L	L	1	N	A	Z	N	A	M	R	Ú	L	н
т	C	U	L	Ú	A	C	Á	N	U	S	т	V	1	E
A	U	F	C	R	E	Á	N	E	1	L	Ñ	L	A	R
P	Á	N	L	Ñ	Y	R	P	U	A	Á	L	В	C	М
A	A	L	F	G	N	н	т	0	C	Ñ	н	R	Á	0
C	M	E	X	1	C	0	C	п	т	Y	V	V	N	S
G	A	R	E	Á	т	E	S	Ú	E	0	A	E	A	п
Á	Z	R	W	C	Ú	S	J	т	E	0	L	X	U	L
Y	A	н	Ñ	Y	т	Á	V	Ñ	L	т	A	G	Q	L
C	т	R	Y	S	E	L	М	L	W	E	E	R	0	0
Ñ	L	L	M	U	н	X	1	C	S	P	L	1	A	Y
U	Á	т	R	A	L	L	A	V	0	т	R	E	U	P
D	N	0	C	Z	A	X	В	S	M	D	Ñ	Á	Ú	P

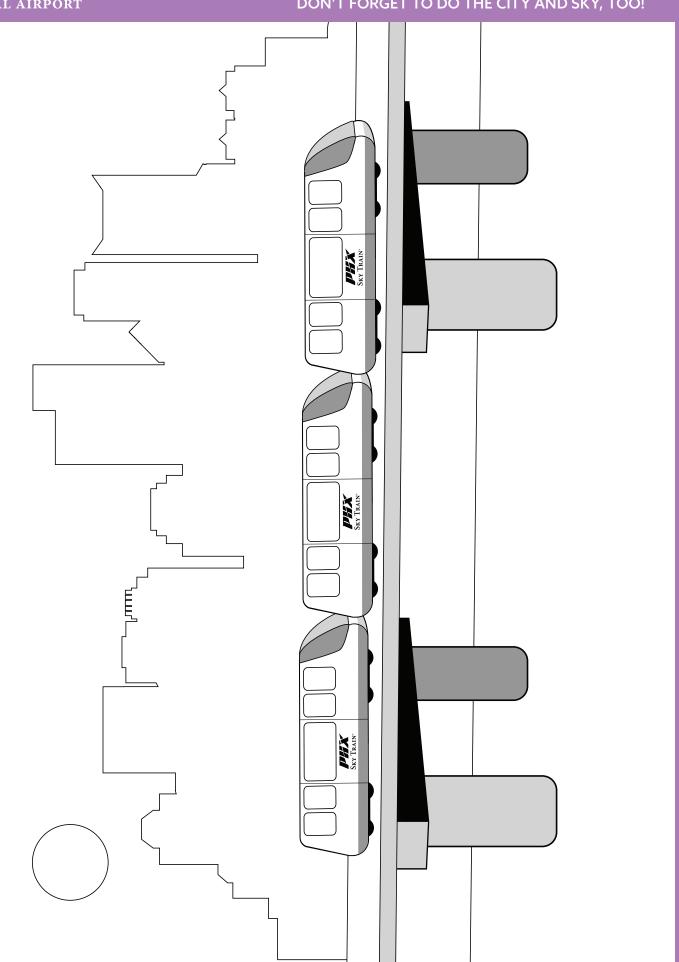
CANCÚN CHIHUAHUA CULIACÁN GUADALAJARA HERMOSILLO MAZATLÁN

MANZANILLO MEXICO CITY

PUERTO VALLARTA
IXTAPA



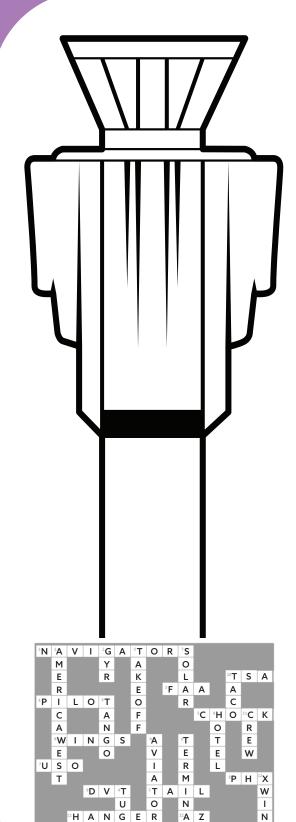
ADD SOME COLOR TO THIS PHX SKY TRAIN® SCENE. DON'T FORGET TO DO THE CITY AND SKY, TOO!



#### AVIATION ALPHABET



COMMUNICATION AND SAFETY ARE IMPORTANT IN AVIATION. THE INTERNATIONAL AVIATION ALPHABET WAS CREATED TO HELP PILOTS AND AIR TRAFFIC CONTROLLERS UNDERSTAND EACH OTHER.



ANSWERS FOR PAGE 16

Each letter is tied to a word to identify aircraft and airport taxiways. Using this phonetic alphabet is for optimal safety and avoids mistakes caused by familiar sounding letters. For example, the letters E and T and M and N can be mistaken for each other. Here is the Aviation Alphabet:

<b>A</b> - <i>A</i>	Alp	ha	N	-1	N	OV	em	b	er
		IIG				V		~	<b>-</b> I

Now, let's go through an example of how the Aviation Alphabet is used at an airport:

#### Airplane pilot with identifying tail number N1DC:

"Phoenix Tower, November One Delta Charlie ready for takeoff."

#### **Phoenix Air Traffic Control:**

"November One Delta Charlie taxi via taxiway Sierra and hold short Runway 8-26."

### For additional educational activities, visit: skyharbor.com





