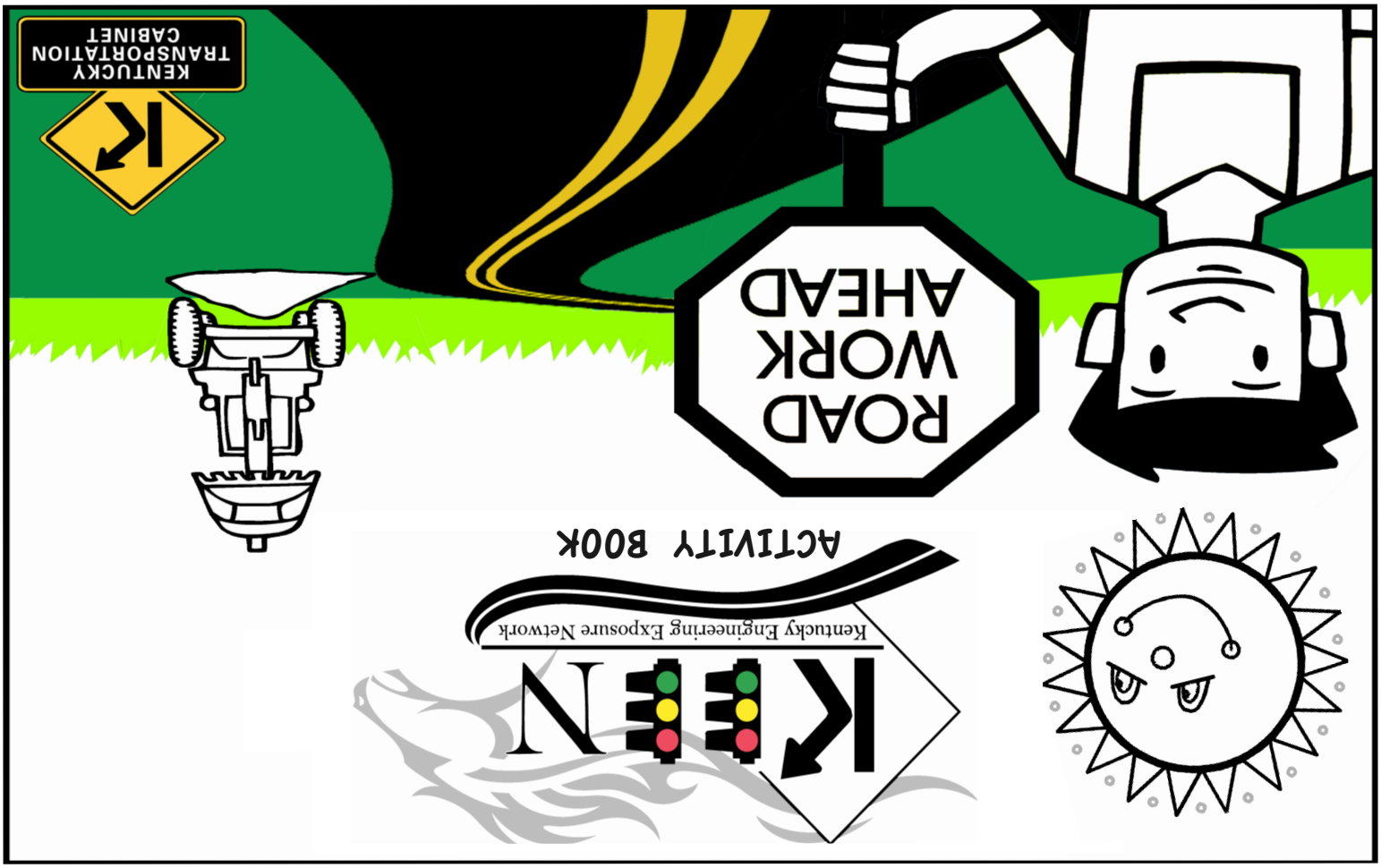

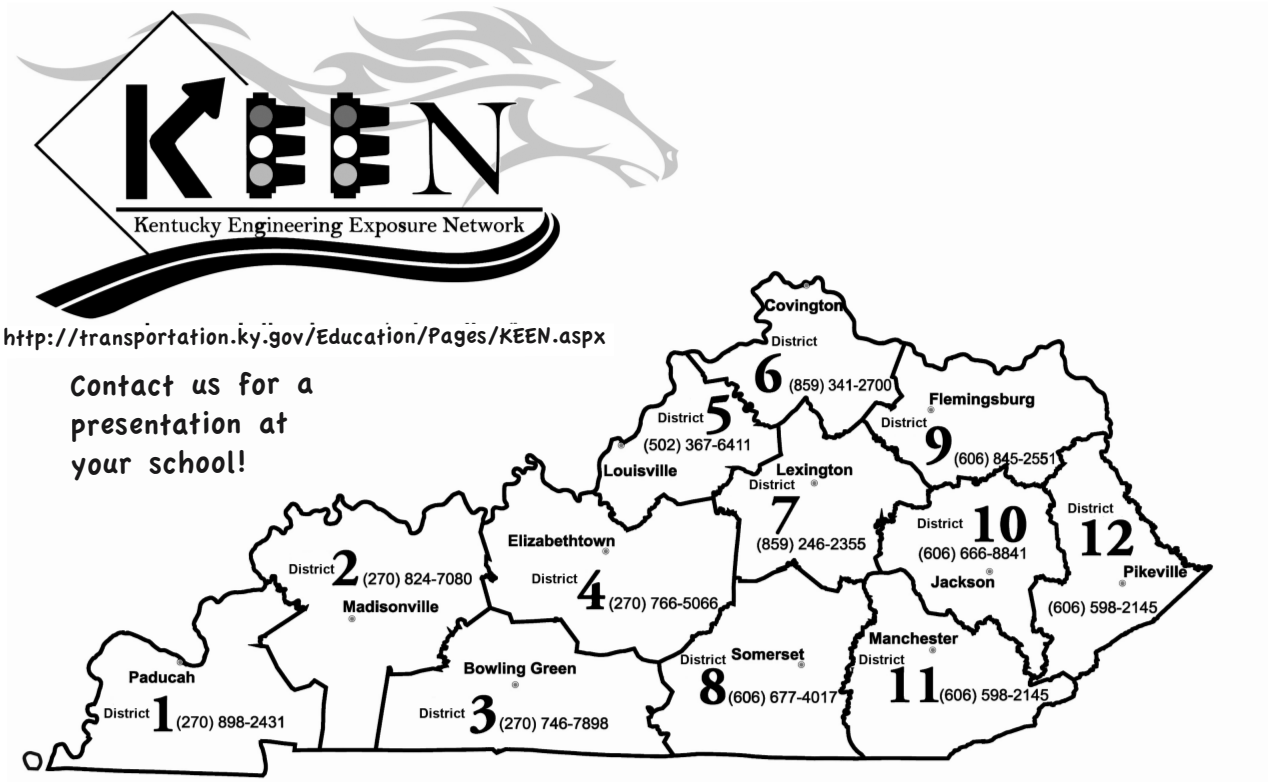

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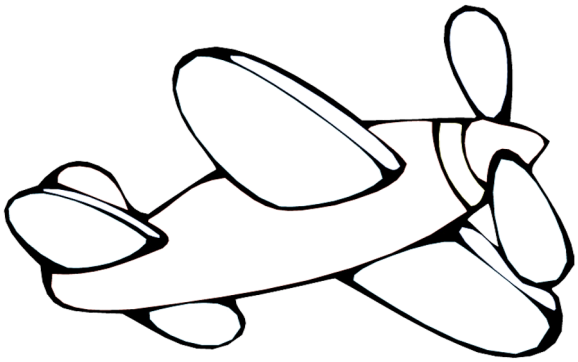
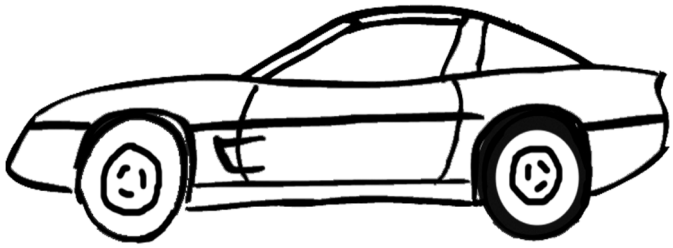
KEEN

Kentucky Engineering Exposure Network

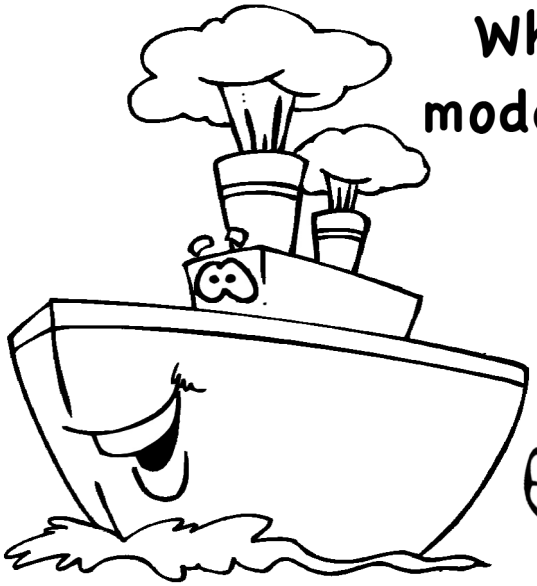
KENTUCKY TRANSPORTATION CABINET

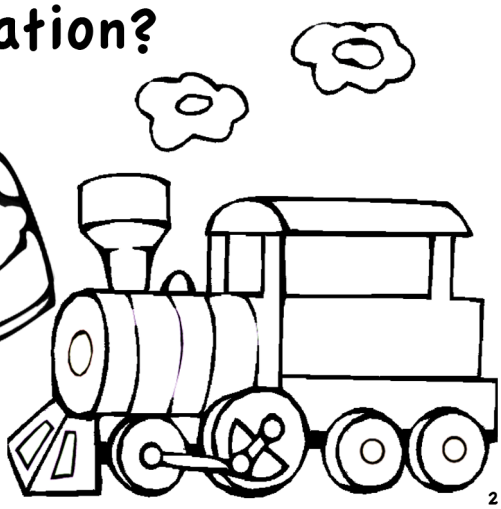
A KY Transportation Cabinet program designed to teach Kentucky's kids about engineering!





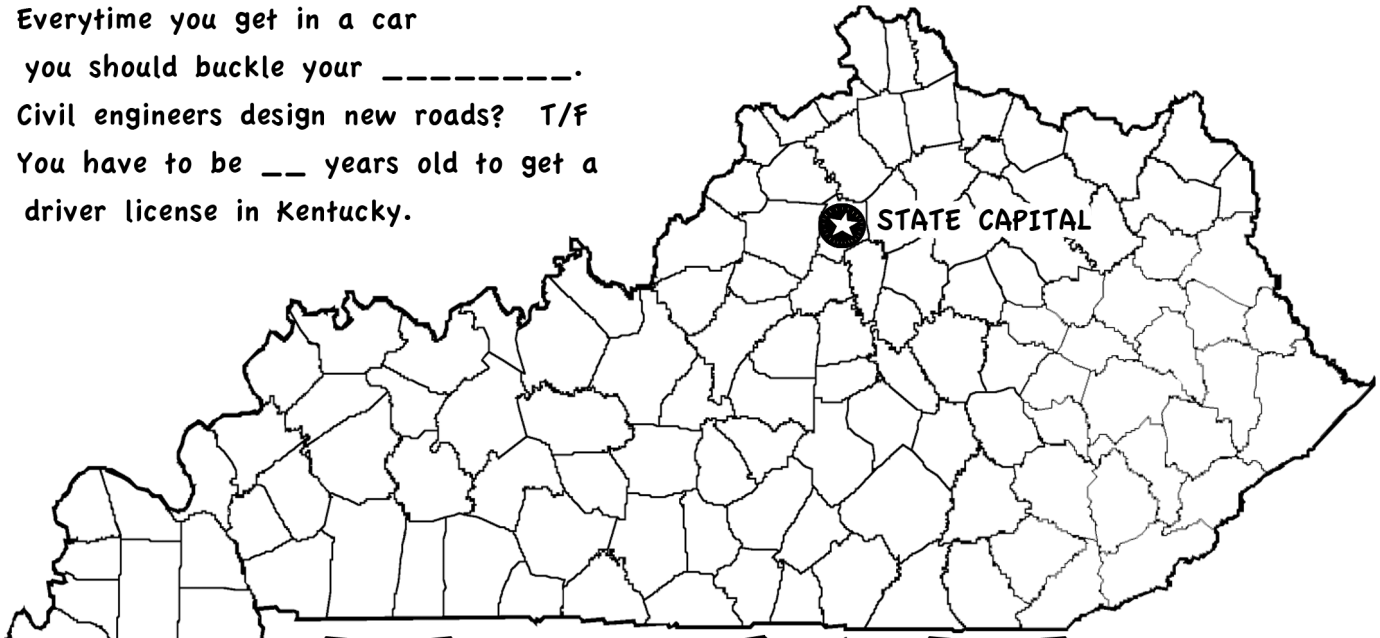
What is your favorite mode of Transportation?





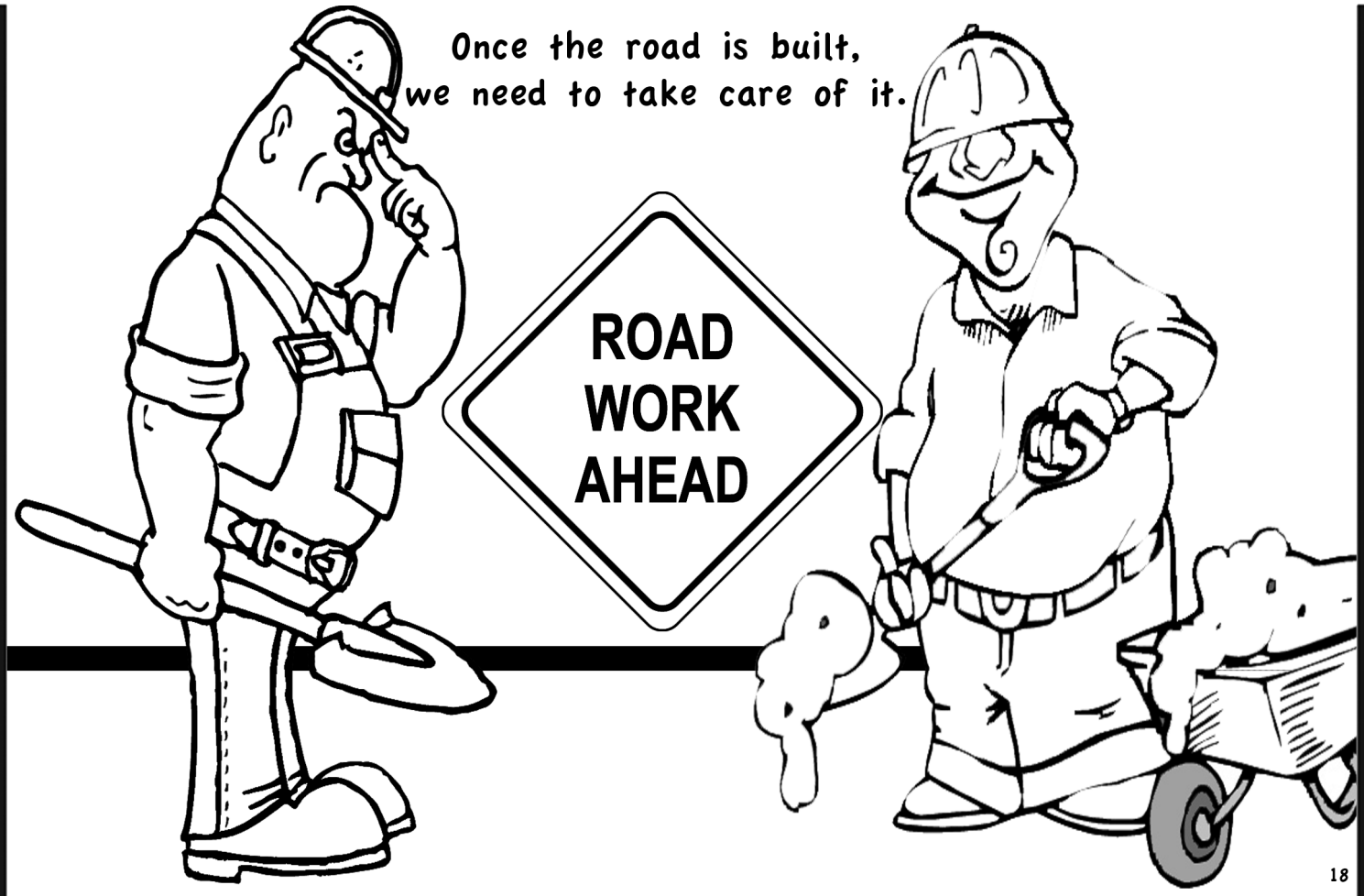
1. In which country do you live?
2. Where is the state capital located? _____
3. _____ sides are on a stop sign.
4. What are the 3 colors on a traffic signal?
5. Everytime you get in a car you should buckle your _____.
6. Civil engineers design new roads? T/F
7. You have to be __ years old to get a driver license in Kentucky.

ANSWERS: 1. U.S.A./United States of America
2. Frankfort
3. Eight
4. red, yellow and green
5. seatbelt
6. true
7. 16

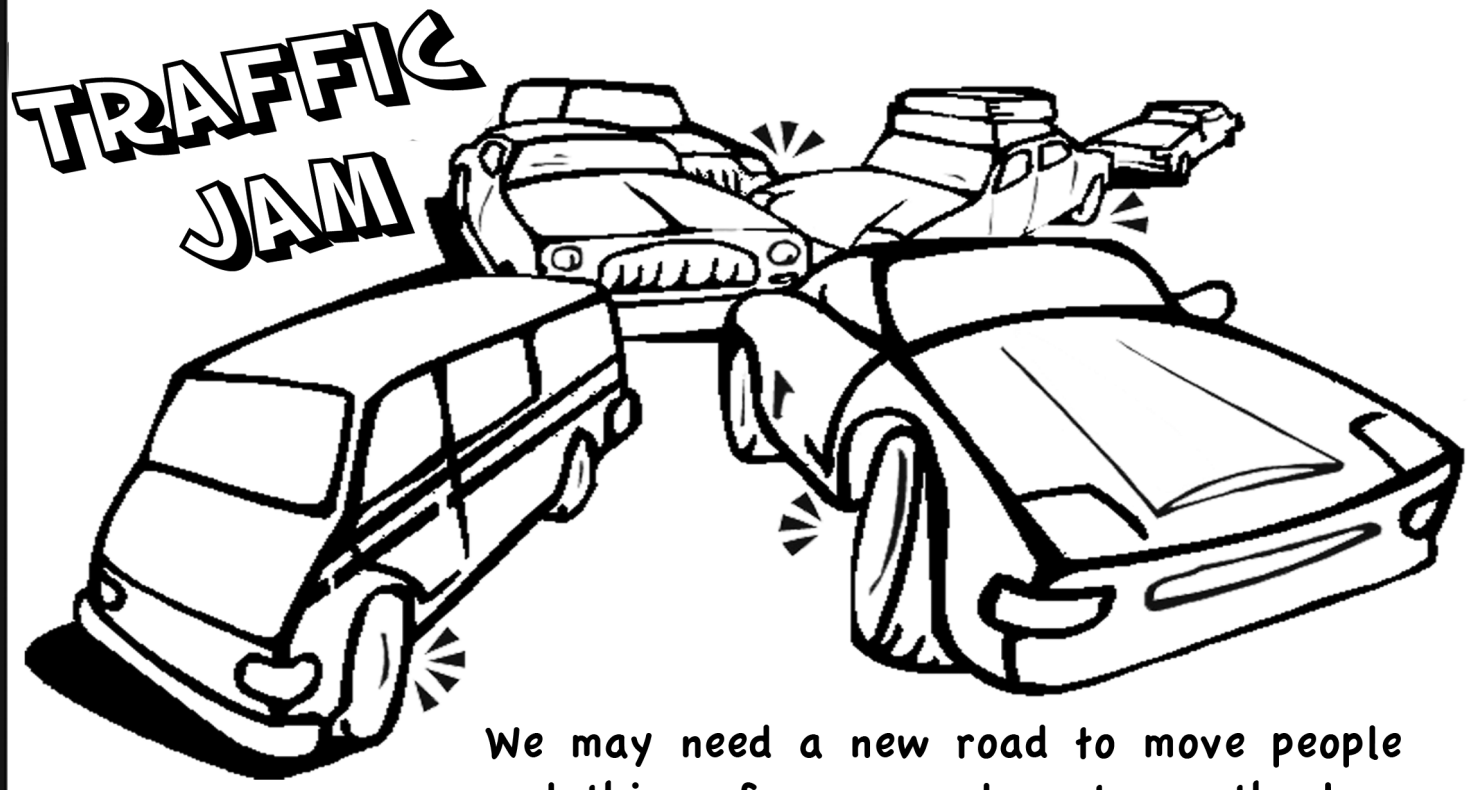


KENTUCKY

Once the road is built,
we need to take care of it.

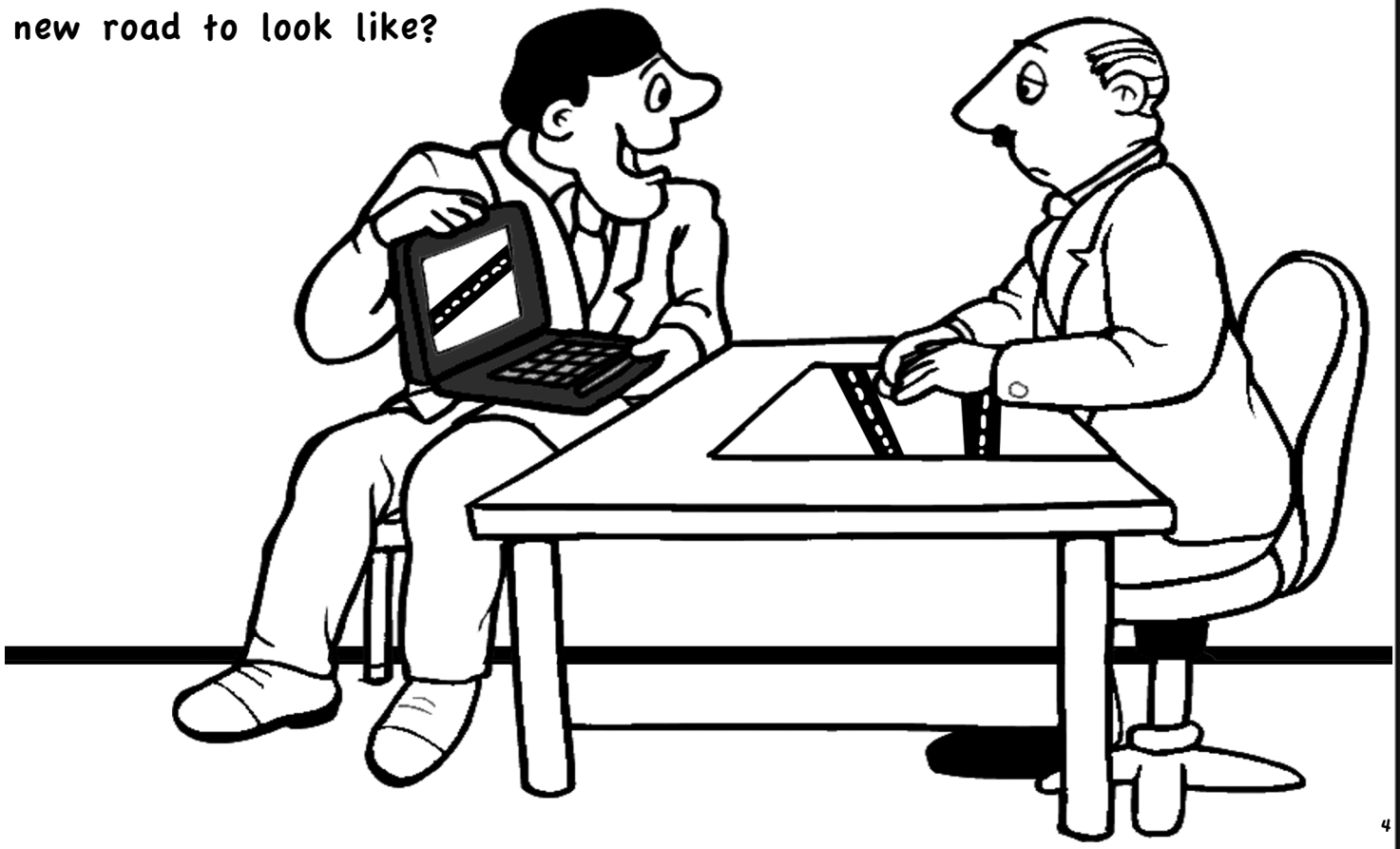


We like cars, but if there's a ....

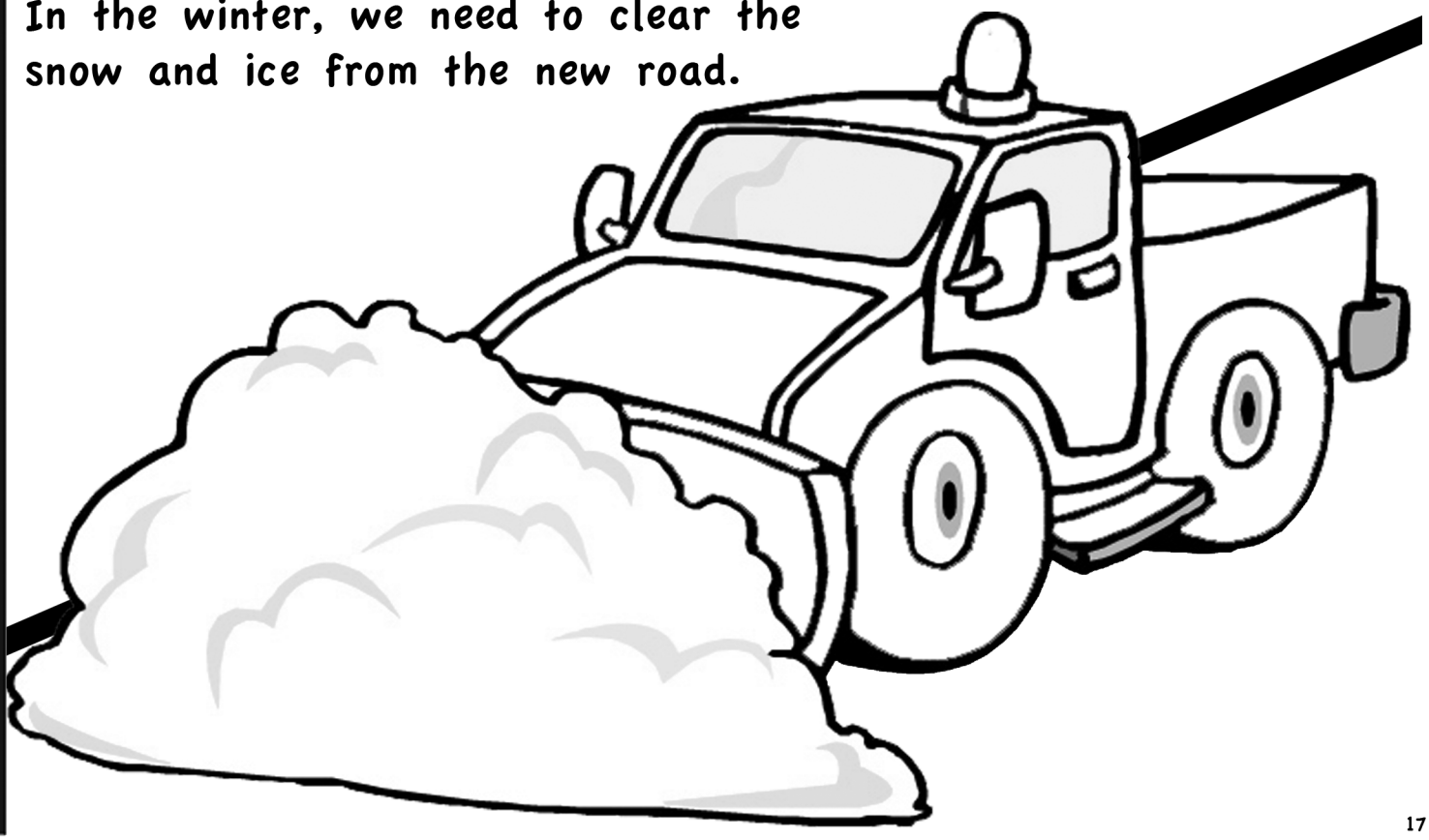


We may need a new road to move people
and things from one place to another!

What do you want the new road to look like?

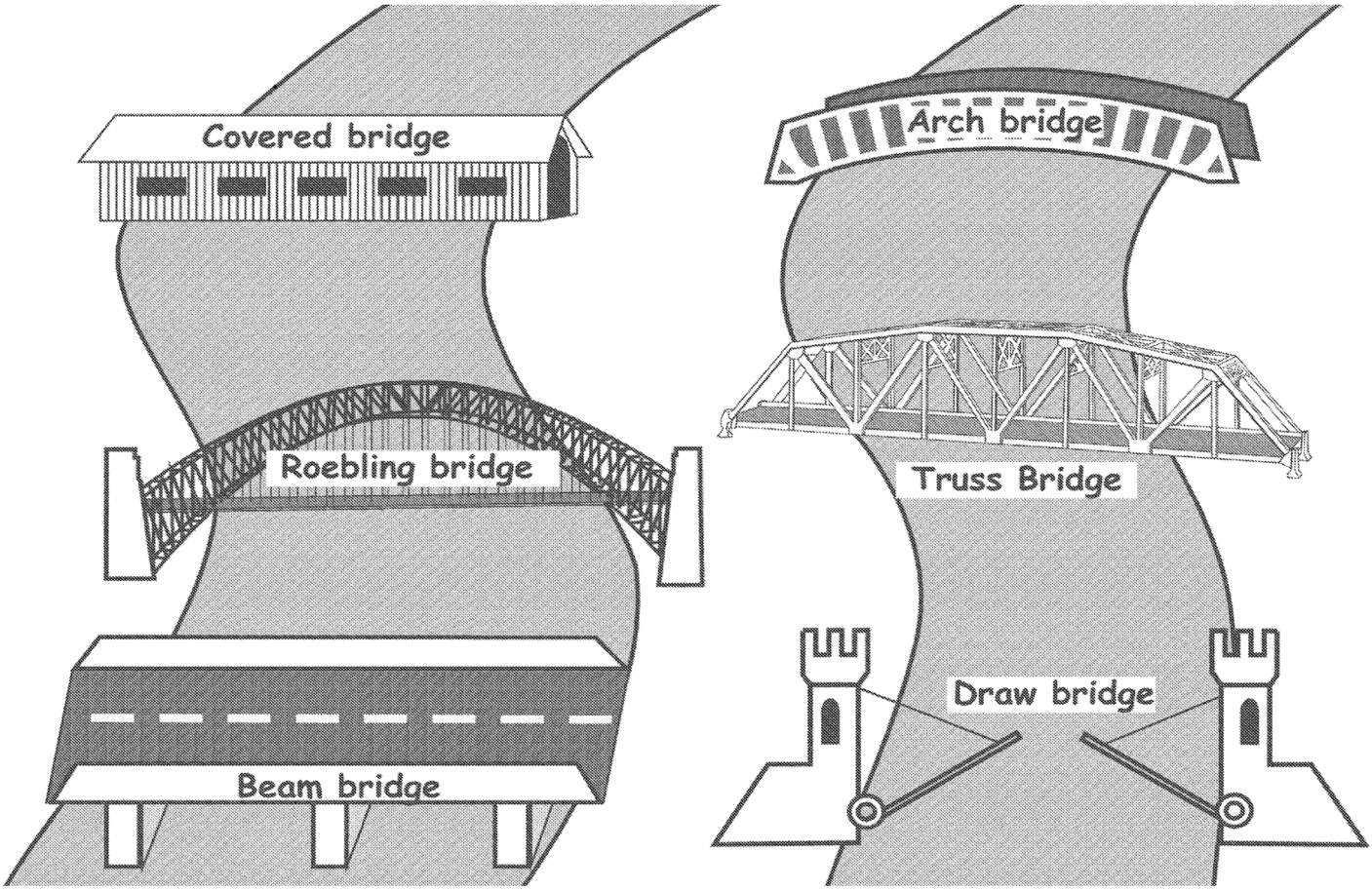


But we're not done yet! Once the new road is built... In the winter, we need to clear the snow and ice from the new road.



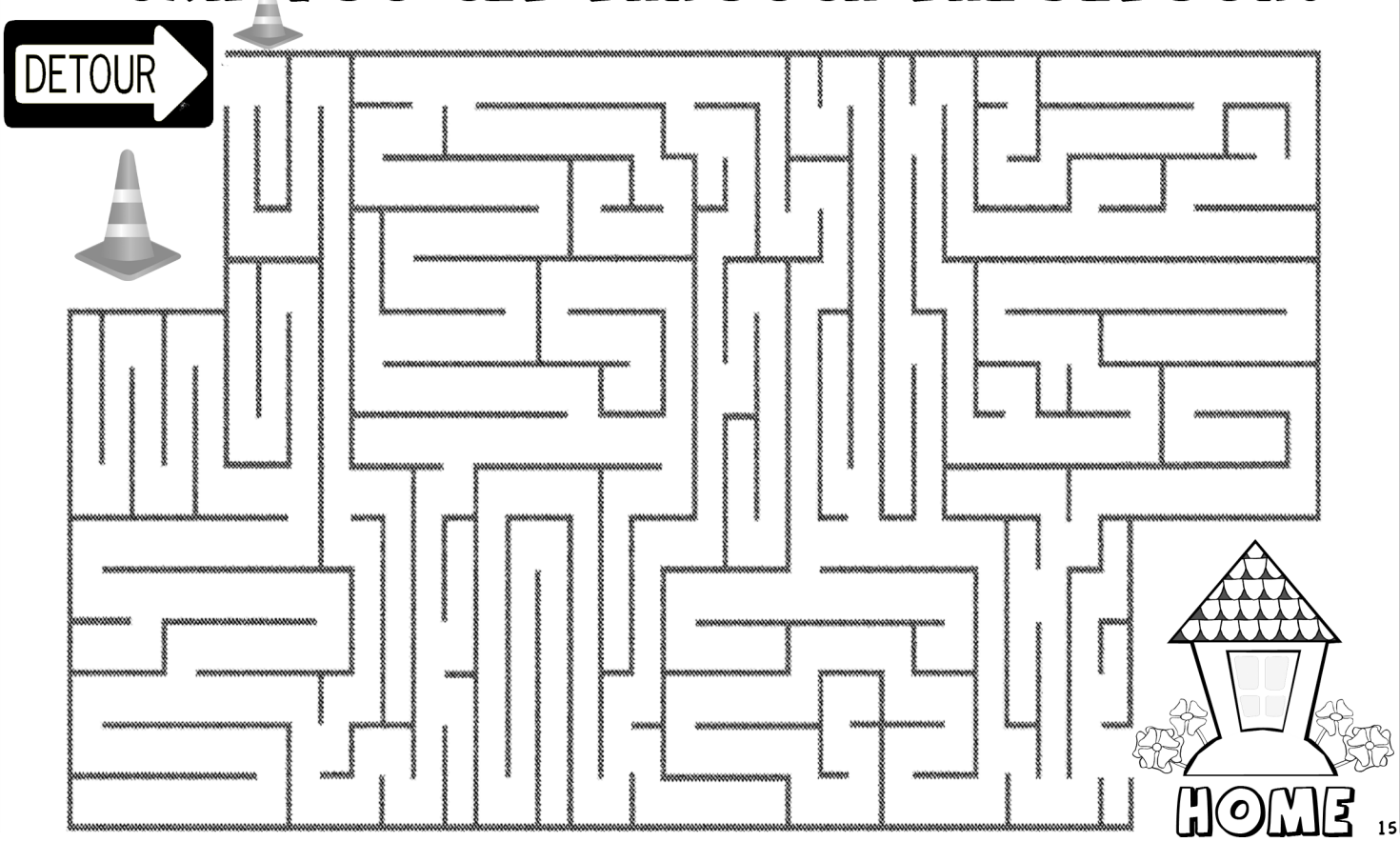
Now that the new road has opened, we can travel safely.

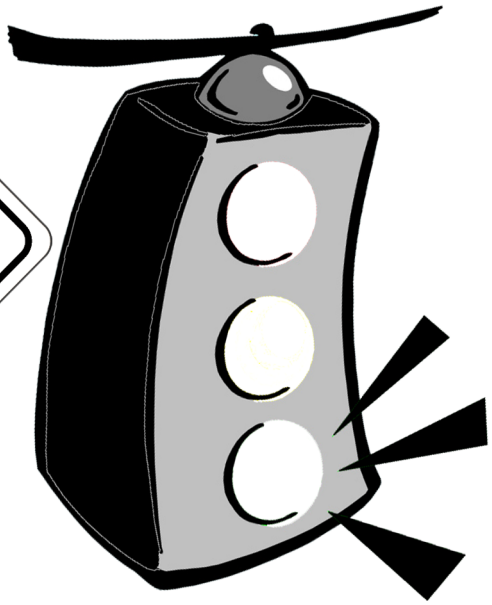
A road design shows where to put the new road and what it will look like.

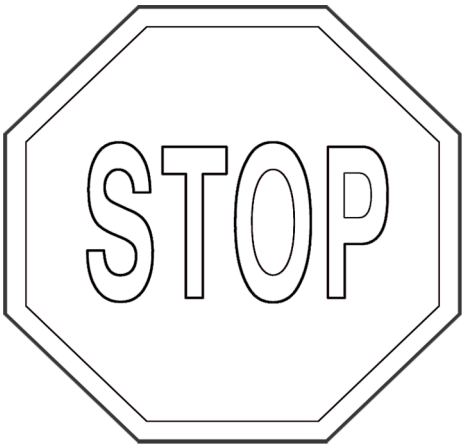


We may need to design a new bridge for the road.

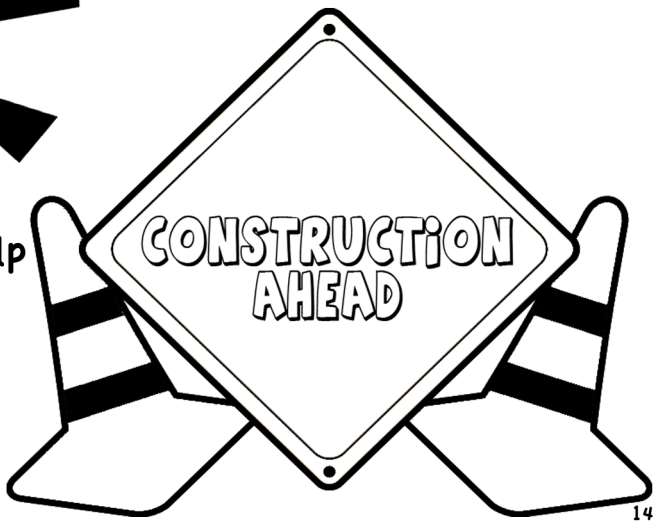
CAN YOU GET THROUGH THE DETOUR?

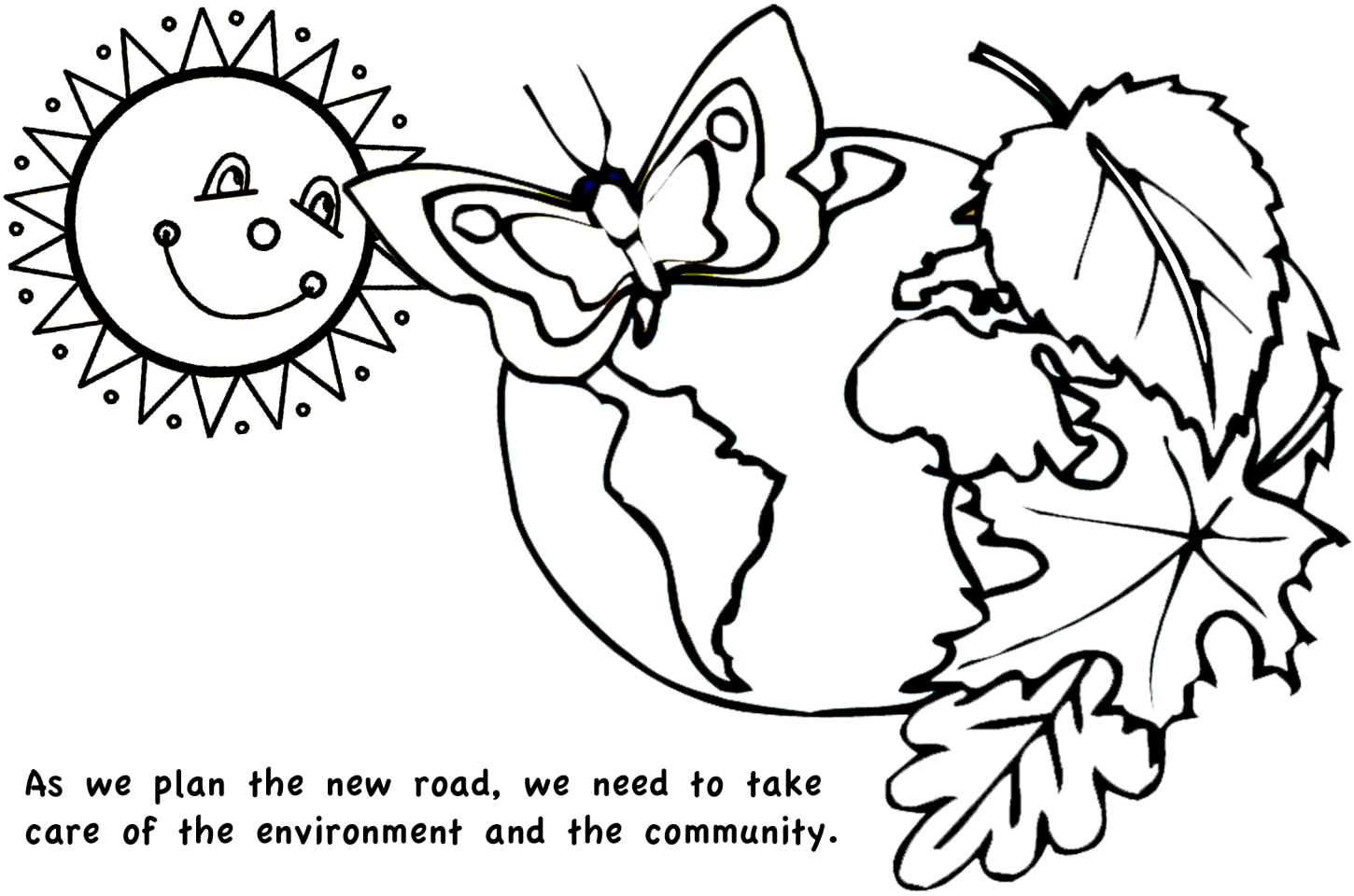






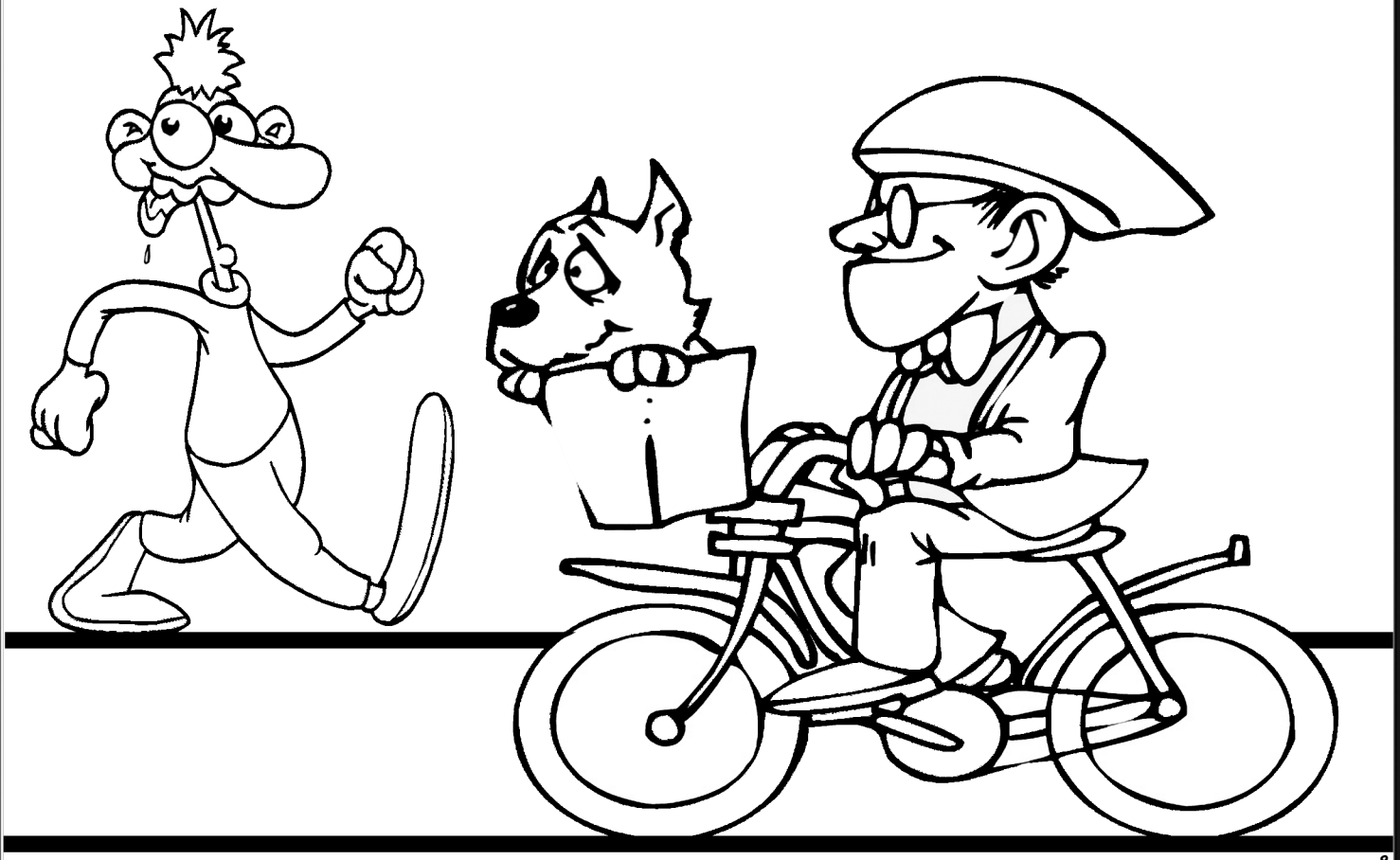
We put up signs and signals to help move people and things.





As we plan the new road, we need to take care of the environment and the community.

Our road must be safe for cyclists and pedestrians!



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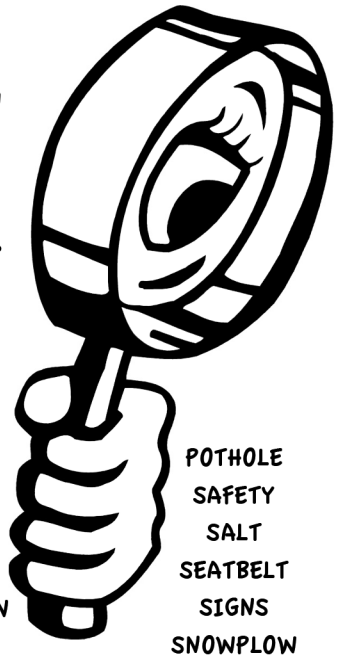
HIDDEN WORD SEARCH



ASPHALT
BICYCLE
BRIDGE
BULLDOZER
CONCRETE
CONSTRUCTION
HELMET
MAP
MOTORCYCLE
PEDESTRIANS
POTHOLE
SAFETY
SALT
SEATBELT
SIGNS
SNOWPLOW
STOPLIGHT
TRANSPORTATION
TUNNEL

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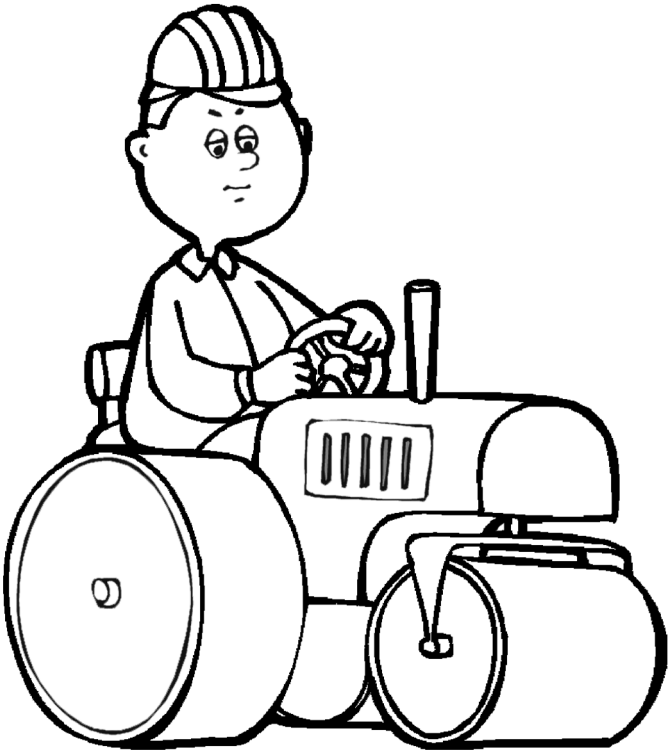
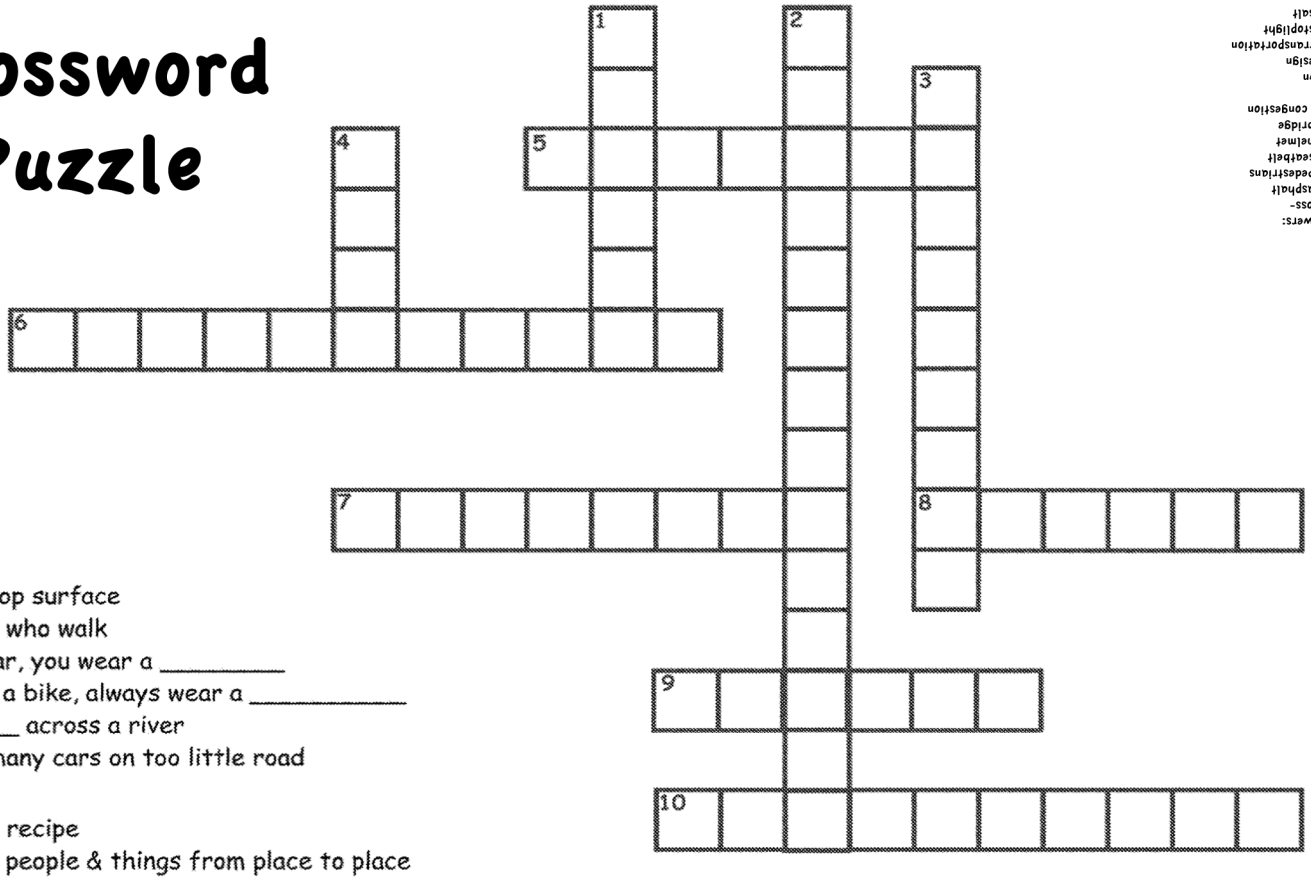
G	Z	B	U	L	L	D	O	Z	E	R	I	Q	T	W	T	U	C	B	D	T	T	F	G	H
G	Z	H	I	W	C	G	U	P	X	A	Z	Z	B	X	E	O	S	W	Z	G	E	H	H	U
O	G	I	J	Z	S	B	W	Q	U	L	U	Q	T	Y	J	E	M	S	K	D	R	L	M	D
H	B	N	R	X	Q	V	F	H	R	F	N	E	V	O	I	K	K	L	G	F	M	B	Y	T
P	G	N	J	E	L	H	O	H	A	U	N	I	K	L	H	E	Q	V	J	K	S	J	I	S
A	E	U	F	N	O	L	A	F	T	O	A	M	B	M	E	P	J	R	D	F	I	U	B	S
M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

And equipment to build a road.



Crossword Puzzle



Across

5. Blacktop surface
6. People who walk
7. In a car, you wear a _____
8. Riding a bike, always wear a _____
9. _____ across a river
10. Too many cars on too little road

Down

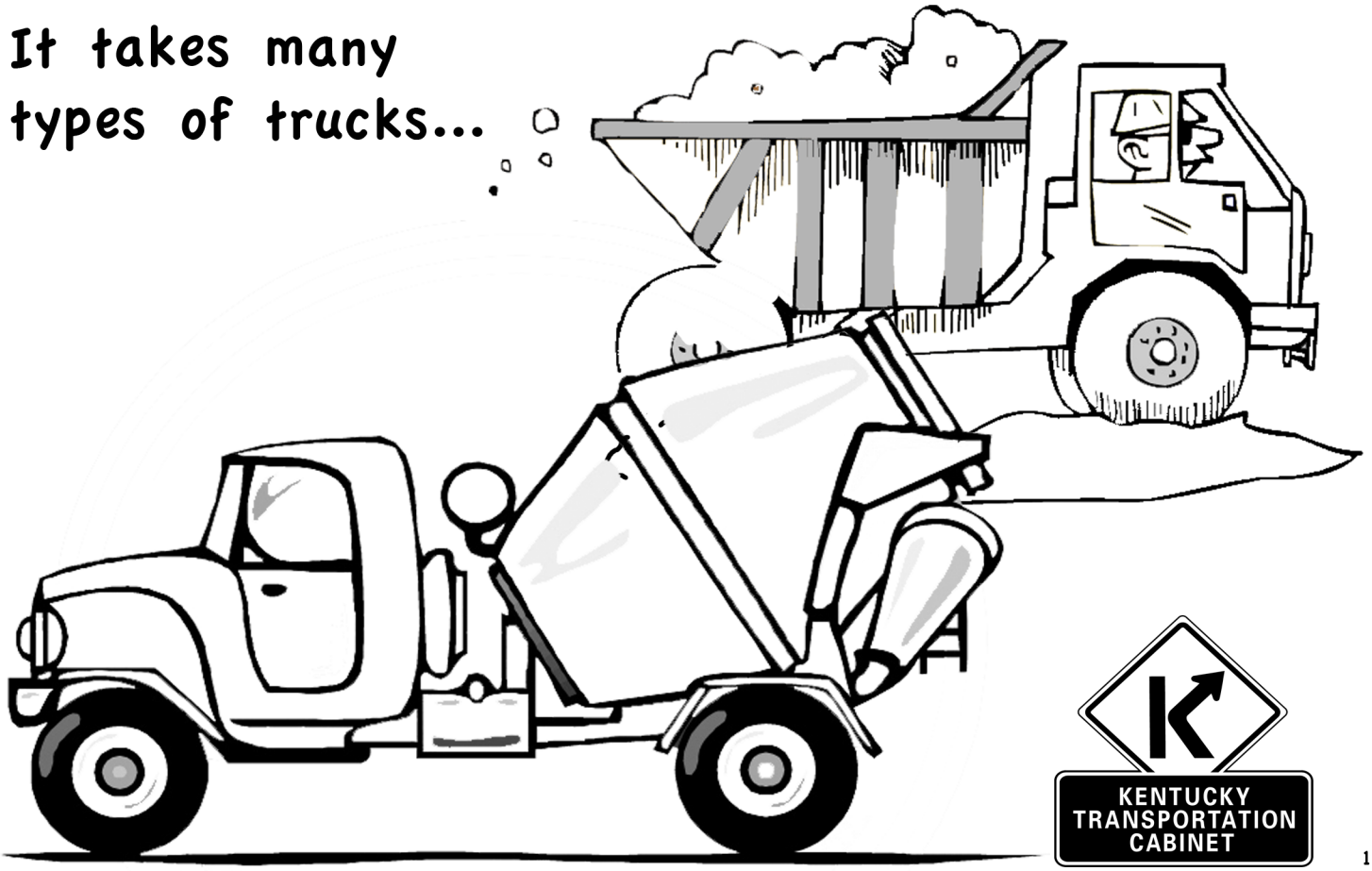
1. A road recipe
2. Moves people & things from place to place
3. Red for stop, green for go
4. Melts ice and snow

Answers:
Across-
5. asphalt
6. pedestrians
7. seatbelt
8. helmet
9. bridge
10. congestion

Down
1.design
2. transportation
3. stoplight
4. salt

Now we can build the road.

It takes many
types of trucks...



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TRANSPORTATION
CABINET