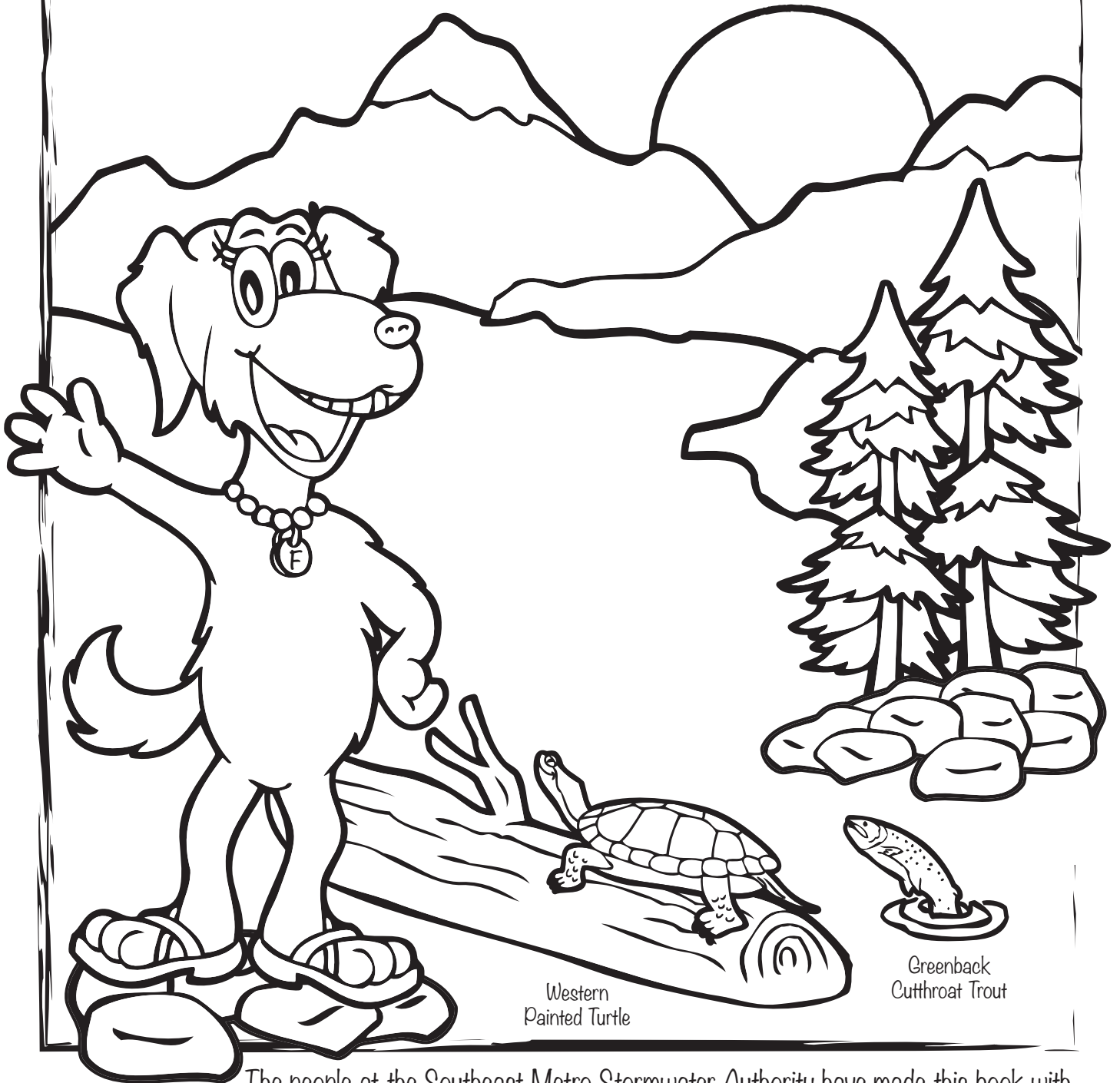


Eagle

Flash wants you to remember:

- ✓ Be flood safe, don't play in culverts when it's raining.
- ✓ Enjoy and protect the riparian habitat areas.
- ✓ Conserve water whenever you can.



Western
Painted Turtle

Greenback
Cutthroat Trout

The people at the Southeast Metro Stormwater Authority have made this book with pictures to color and fun puzzles to teach you about flooding and help you stay safe.

What is the Southeast Metro Stormwater Authority?



SEMSWA's mission is to protect and help our neighborhoods and the community to be safe and to keep our environment and stormwater clean.

SEMSWA's Floodplain Management Program protects and maintains local floodplains. The Floodplain Program also educates citizens about what they can do to stay safe during floods.

SEMSWA wants citizens to:

- know when they are at risk
- have emergency plans
- understand how to keep our water clean

Please visit our website www.semswa.org or call us at 303-858-8844 for more information or to order additional **Stay Safe Activity Books**.



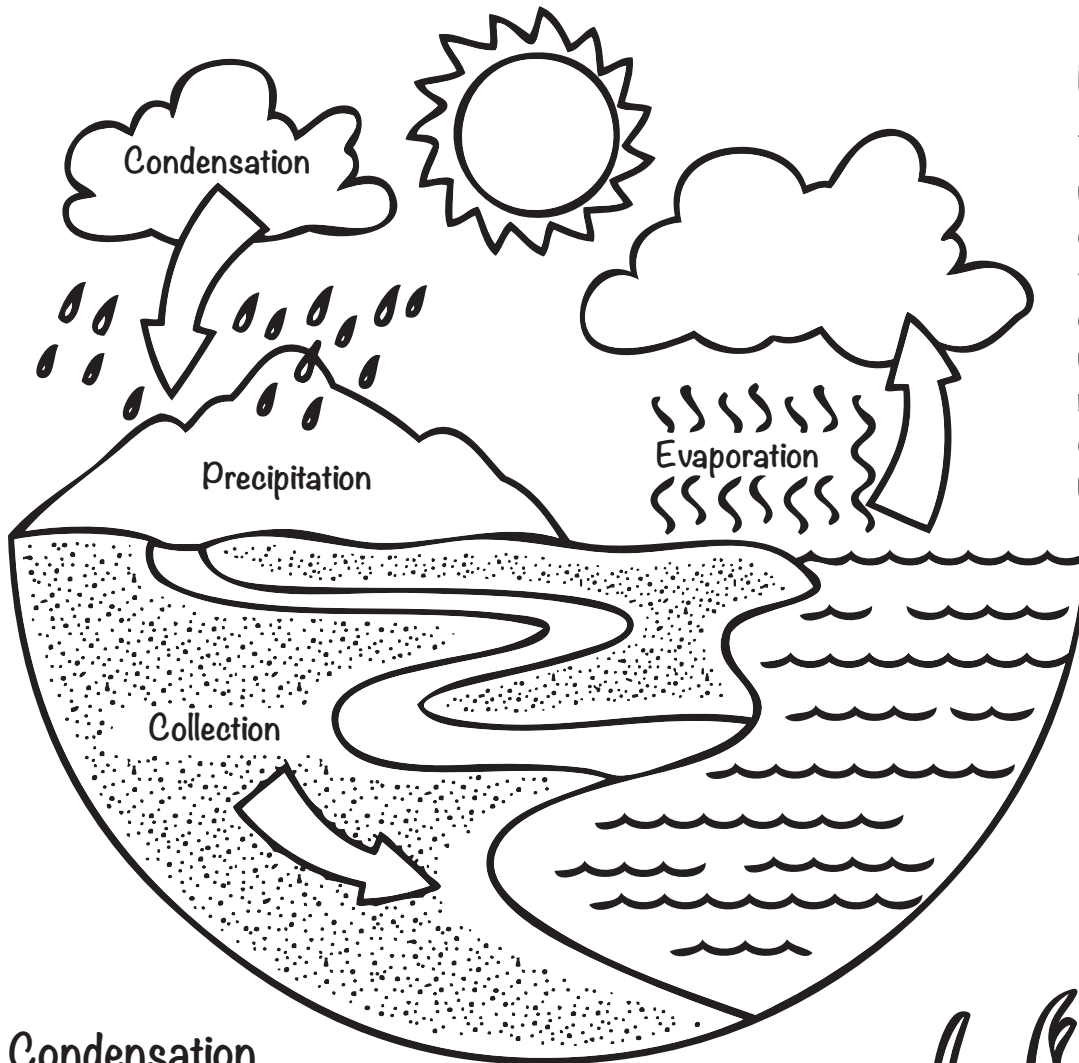
Aspen Tree

Indian Paintbrush

Bluebells

Columbine

Learn about the WATER CYCLE



Evaporation

The sun heats up water in rivers, lakes or the ocean and turns it into vapor or steam. The same water has been recycled on Earth over and over, for millions of years.

Condensation

Water vapor in the air gets cold and condenses into liquid forming clouds.

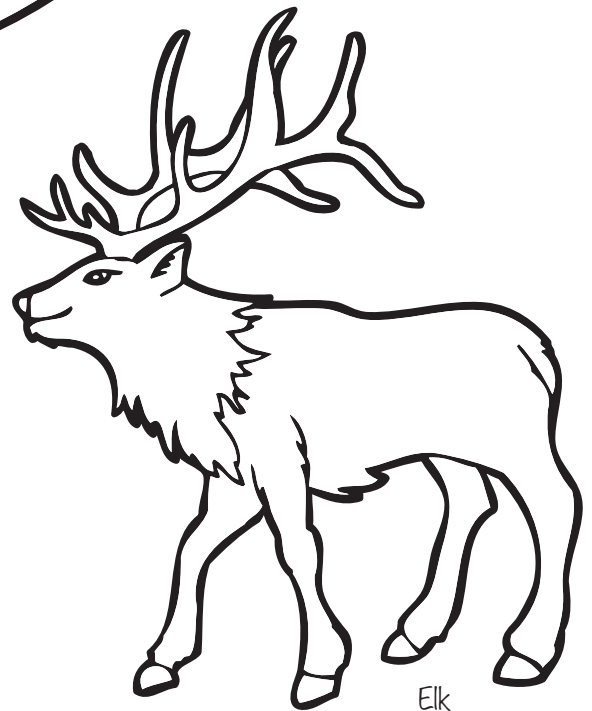
Precipitation

When so much water has condensed that the air can not hold it anymore, the clouds get heavy and the water falls back to Earth in the form of rain, hail, sleet or snow.

Collection

When water falls back to Earth, it collects into the rivers, lakes and oceans, or it may end up as puddles and get soaked back into the Earth as ground water.

And the cycle starts again!

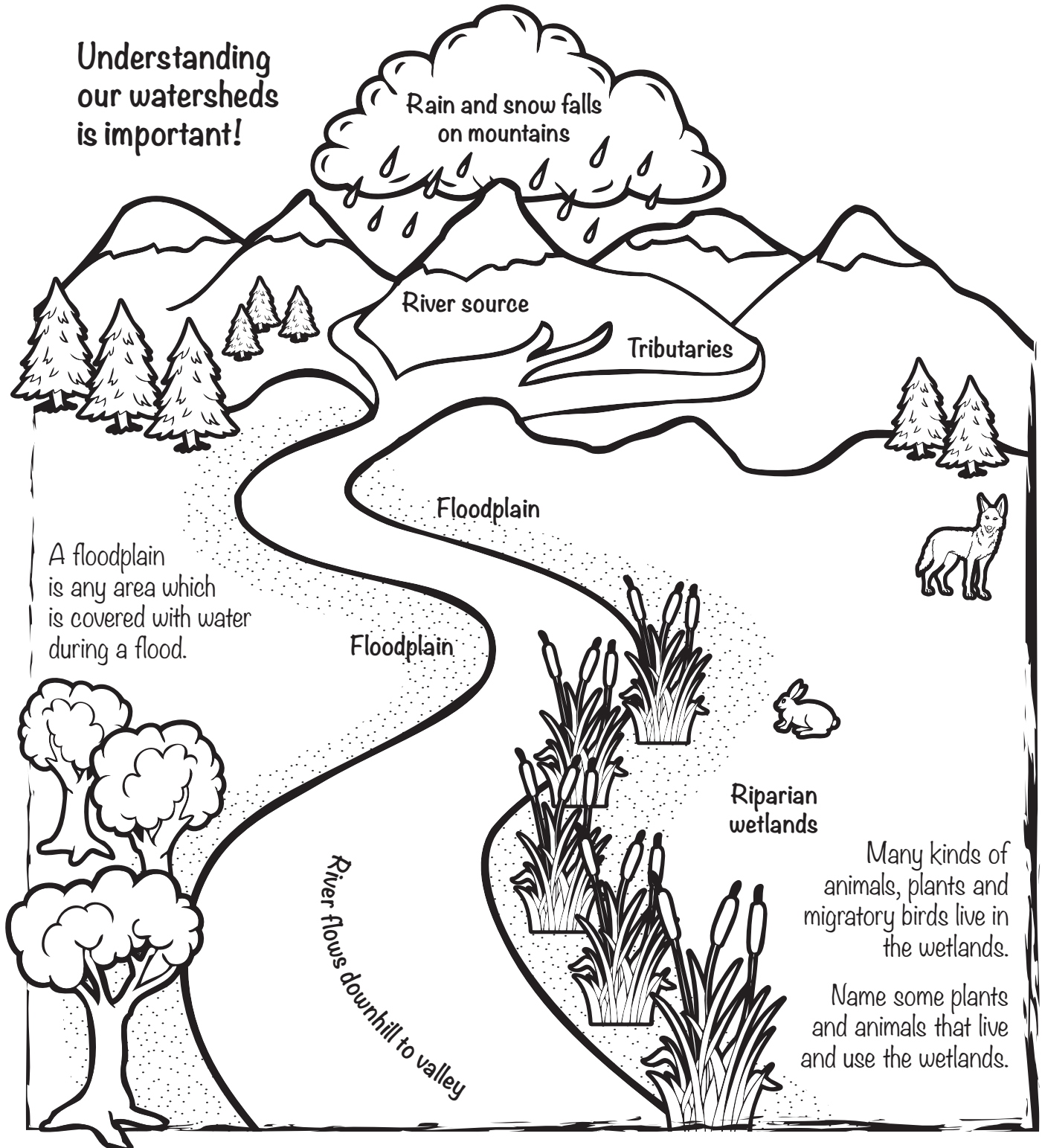


Keep Our WATERSHED Clean and Healthy!

When it rains in the mountains or when snow melts, the water flows into little streams, then those little streams join to form rivers, lakes and other bodies of water.

All of the land where this water falls and flows is called the WATERSHED. Watersheds vary in size. Thinking about where our water comes from and how we can keep it clean is good for our environment.

Understanding our watersheds is important!



A floodplain is any area which is covered with water during a flood.

Riparian wetlands

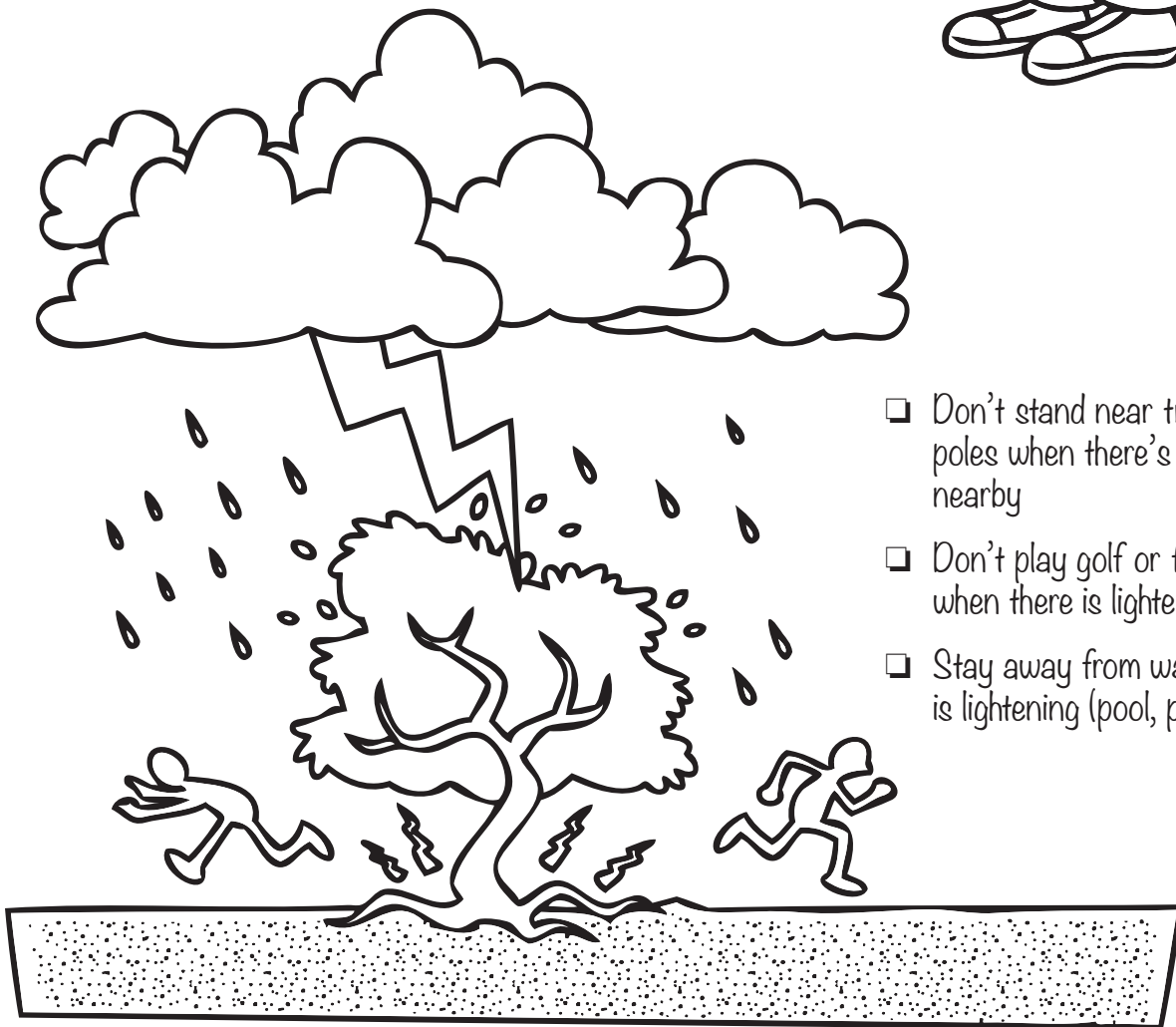
Many kinds of animals, plants and migratory birds live in the wetlands.

Name some plants and animals that live and use the wetlands.

How to be Safe When the Summer Thunderstorms Come...

If you are OUTSIDE:

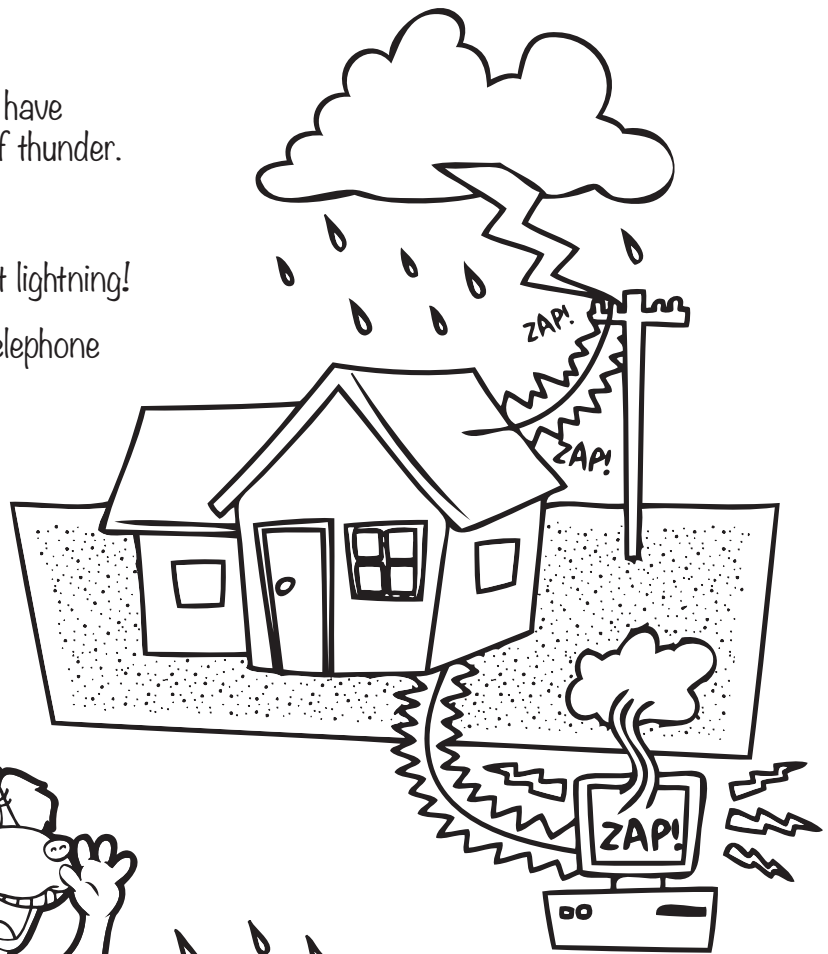
- The safest place to be is indoors
- Never walk, swim or drive through a flooded area or road
- Never take cover in a culvert or under a bridge



- Don't stand near trees or tall poles when there's lightning nearby
- Don't play golf or field sports when there is lightening
- Stay away from water while it is lightening (pool, puddles)

If you are INDOORS:

- Stay there until at least 30 minutes have passed since you last heard a clap of thunder.
- Stay away from windows.
- Electrical wiring and plumbing attract lightning!
- Don't use your computer or house telephone unless it's an emergency.
- Don't wash dishes or take a shower during a lightning storm.

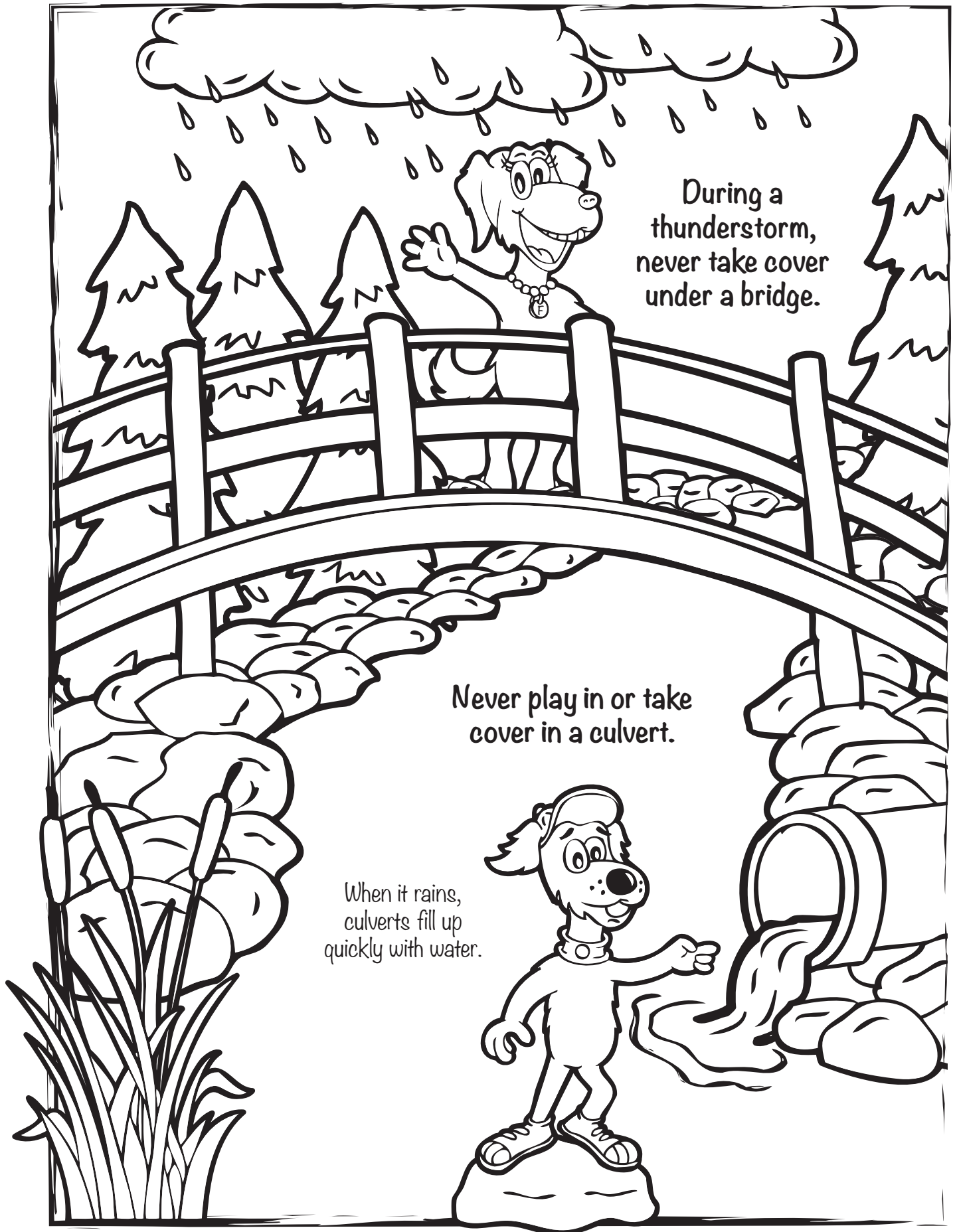


Never, ever
drive into
flooded streets!



If you are IN THE CAR:

- Stay in the car until the lightning has stopped.
- Slow down! Water on the road may cause your car to hydroplane.
- Do not cross flooded roads.
- If you get stuck on a flooded road, call 911.



During a
thunderstorm,
never take cover
under a bridge.

Never play in or take
cover in a culvert.

When it rains,
culverts fill up
quickly with water.

How Much Do You Know About FLOODS?

Circle the correct answer to take the quiz. Color the characters!



Prairie Dog

1. Just 6" of rapidly moving flood water can knock a person down.

True or False

2. SEMSWA stands for:

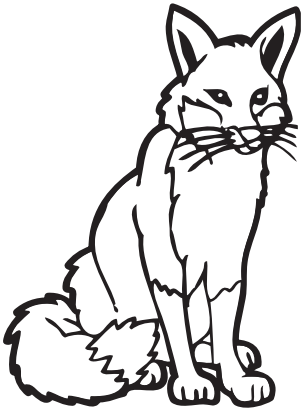
- A. Stop Eating Many Sticky Watermelons and Apples
- B. Southeast Metro Stormwater Authority
- C. It doesn't stand for anything!



Big Horn Sheep

3. If you are on a path and see or hear a lot of water coming down the creek during a rainstorm, you should:

- A. run down the path
- B. yell
- C. climb uphill as fast as you can



Gray Fox

4. Floods never happen in Colorado.

True or False

5. The best place to seek shelter during a thunderstorm is:

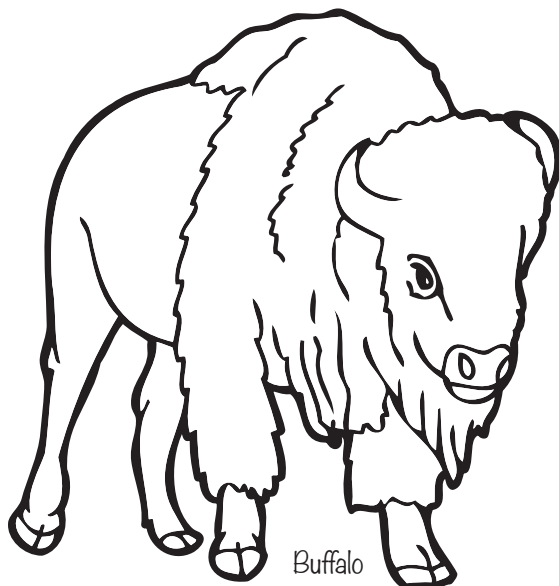
- A. under a tree
- B. under a bridge
- C. at home

6. A flash flood is:

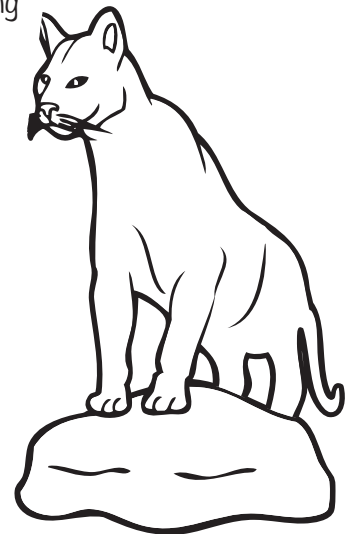
- A. a great time to try surfing
- B. happens quickly with little warning
- C. is never dangerous

7. Only low-lying areas near water are at risk for flooding:

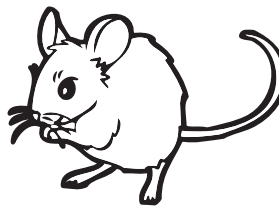
True or False



Buffalo



Mountain Lion



Meadow Mouse

1. True, 2. B, 3. C, 4. False, 5. C, 6. B, 7. False



Colorado
Hairstreak Butterfly

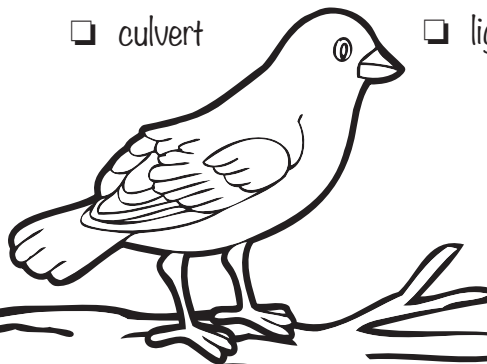
n o i t a t i p i c e e r p c n
 c y p n c h b f l o o d o y o
 r s a f i r s n r c j n i t i
 e r d w i a u a a e d q y e t
 e s a d e t l h l e t s k f c
 k s g i l g i p n f o a u a e
 a e k d n q a s d n q g w s l
 a k c t f k a n s o x h u f l
 c x r r u t i l i e o p m x o
 t p x t i e n q a a m l e p c
 n j j o l v a c t a r s f p d
 b s n c u l v e r t p d w r u
 n o i t a r o p a v e o f a o
 l i g h t n i n g m r o t s l
 h f n y j j e w i r t v v j c



Sunflower

Search for these words...

- bridge
- drainageway
- precipitation
- cloud
- evaporation
- rain
- collection
- flash
- safety
- condensation
- flood
- semswa
- creek
- floodplain
- storm
- culvert
- lightning
- water



Lark Bunting



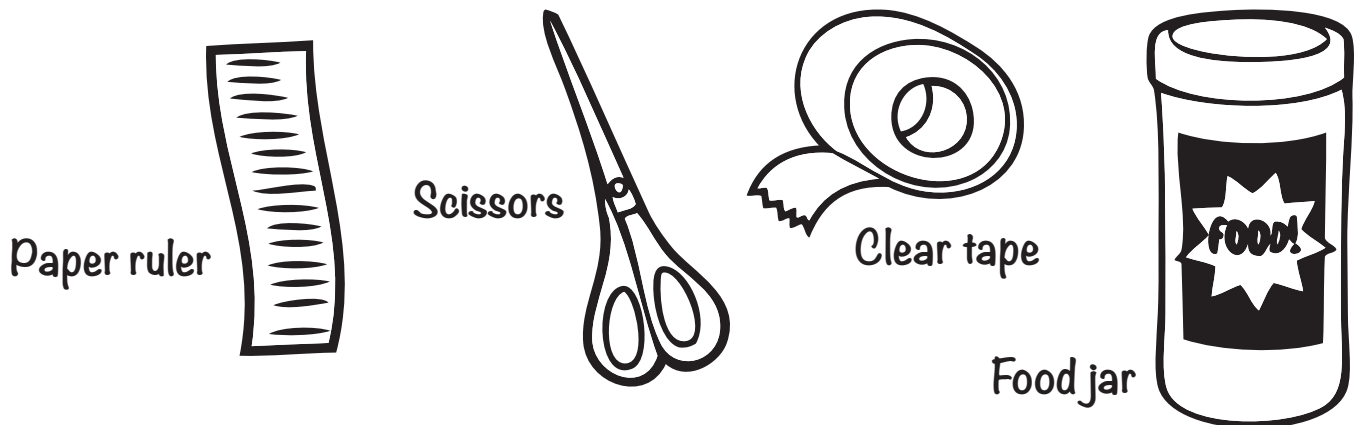
Blue-Eyed Darner Dragonfly

How you can make a real RAIN GAUGE with Flash...

How much does it rain
at your house? Find
out with a rain gauge
that you can make.



Stuff you'll need...



Cut out the ruler and tape it to the outside of
a straight sided food jar, like one used for jelly
or olives. The bottom of the ruler needs to be
even with the bottom of the jar.

Cover the strip with clear tape to protect
it from the rain. Set it on a flat surface
where rain can fill it up. You can keep a
diary of how much rain falls where you live.

