Now that you’re ready to ride...

**Always wear your helmet** – every time you ride

- Ride in the same direction as other vehicles. Bicyclists and drivers follow the same rules of the road.
- Pay attention to traffic. Do not use headphones or cell phones while you bike.
- Be visible. Wear bright clothing and reflective materials when you ride.

**And, above all,** obey all traffic laws, signs and signals.
Check your helmet and bicycle

Before you ride, check that your **helmet** covers your forehead. When you look up you should see the helmet’s front edge.

**Sliders** should be slightly below and in front of your ears. Only two fingers should fit between the **chinstrap** and your neck.

Keep pant legs and shoelaces out of moving parts by **rolling and tucking** them in.

Wear bright and reflective **clothing** to help you be visible to motorists at night.

Check your bike fit

Raise or lower your **handlebars** so you feel comfortable. Most stems have a “maximum height” mark to let you know how high you can raise them.

**Clearance** from top tube should be 1–2 inches when you pull both wheels off the ground for road bikes; 3–4 inches for mountain bikes.

Your **seat** is at the right height when you can reach the ground with the tips of your toes. Don’t raise your seat beyond the maximum height.

Before a ride
Check your bike for safety

Your handlebars need to be tight and in line with the front wheel. Check tightness by squeezing the front wheel between your legs and trying to turn the handlebars from side to side. Tighten the stem bolts with an Allen wrench if the handlebars move.

Squeeze the brakes and rock your bike forward. Both brakes should grip the rims smoothly and evenly. When braking, the levers should be at least one finger's width from the handlebars.

Use lights, white in the front and red in the rear, when riding at night. Check batteries often and make sure the lights are visible to drivers. Carry spare batteries with you.

Check that the chain is running smoothly by pedaling backwards. Add lube to the chain if it looks dry or squeaks. Clean your chain with degreaser to remove rust and lube build-up.

Your seat should be in line with the top tube of the frame and tight.

Check that your tires are properly inflated and in good condition. You may need to replace your tire if you notice cracks in the sides or worn spots that bulge.

Make a few quick checks before you ride your bike. Is your helmet properly adjusted? Are you dressed to ride? Does your bike fit you? Is your bike in good condition? If the answers are yes, you're ready to ride!
Making the plan

The other day I called my friends [NAME] and [NAME] and asked
if they wanted to go for a [NOUN] ride. They were [ADJECTIVE] and so they
were happy to come. I told them to meet me at [PLACE NAME] in
minutes and be sure to bring their [PLURAL NOUN].

I was [ADJECTIVE] to go for a ride with my friends. I ran to the

to get ready. I combed my [NOUN] and washed my [NOUN] and put on
clean [PLURAL NOUN].

Then I went to the [PART OF HOUSE] to get my [NOUN] stuff. The most important
thing is my [NOUN] so I tried it on my [BODY PART]. It looked great!

Checking the gear

Before going on a ride, I like to do a [ADJECTIVE] checkup of the bike.

First, check that the handlebars are [ADJECTIVE] and in line with the front
[NOUN]. Next, pump the [PLURAL NOUN] and make sure they

We wouldn't be out after dark, but I checked the [NOUN]
and its batteries, and made sure my reflectors were
[ADJECTIVE]. Last, I made sure the [NOUN] was running
smoothly by [VERB / ING], backwards, and
made sure the [PLURAL NOUN] were inflated
right. I wouldn't want a flat [NOUN]!
Know Your Bike Quiz

Which part is which? Identify these 12 bike parts by writing the right letter in the box next to each part.

A. Seat
B. Handlebars
C. Top tube
D. Tire
E. Brake
F. Shifter
G. Brake lever
H. Seat post
I. Spokes
J. Chain
K. Pedal
L. Rim

Answers on Pages 22-23
Rules of the road

Ride on the right side of the road with traffic.

When riding in a group, ride in single file. Bicycles are considered vehicles according to most state and city law — this means you have a right to the road. It also means you must obey all traffic laws.

Use your hand signals to communicate where you are going.

Use lights at night — white in front and red in back. Bright clothing and reflectors are also recommended.

Hazards

Hazards can be anything that blocks your view of traffic, causes you to lose control of your bike, or crashes into you while riding. Some examples are parked cars, potholes, opening car doors, dogs, and railroad tracks.

You can avoid hazards by looking ahead and to the sides to anticipate approaching hazards. Riding over and around hazards may require looking back for cars and a change of lane position (see Road Positioning below). To safely cross railroad tracks, ride over them at a 90-degree angle, which prevents your wheels from getting trapped between the track and the road.

Road positioning

Proper road position is essential to get where you are going safely and predictably.

Position 3
Right side of the lane, 3 feet from the curb and 3 feet from parked cars. Used for the majority of riding.

Position 2
Center of the lane. Ride in position 2 to avoid road hazards or when the road is too narrow for two vehicles to share. Look back for car traffic before moving to position 2.

Position 1
Far left of the lane. Use this position to turn left.
Leaving driveways and alleyways

Stop at the end of the driveway or alley and look for traffic before proceeding onto the road. If you are crossing a sidewalk remember to yield to pedestrians. Move forward until you have a clear view around buildings and parked cars that may block your view.

Traffic signs

Stop sign
Come to a complete stop. Put one foot down and look both ways for traffic.

Yield sign
Slow down and watch for traffic. You must yield right-of-way to oncoming traffic.

Signal
Green = Go
Yellow = Slow down unless you are already in the intersection
Red = Stop

RR sign
Slow down, look and listen. Stop if you see a train. See Hazards to cross tracks safely.

One way
Shows you which way traffic is traveling on that street.

Using hand signals

Stop
Left turn
Right turn
Right turn (alternative)

The road can hold many surprises. How do you avoid hazards like opening car doors and train tracks? Where do you ride? What does a “yield” sign mean? To prepare for upcoming hazards, practice these skills.
**Safe Biking Word Find**
Find the words in the list below and circle them. Words are forwards, backwards and diagonal.

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

**BICYCLE**  **INTERSECTION**  **SAFETY**
**BIKE LANE**  **LIGHTS**  **SIGNAL**
**BRAKES**  **PARKED CAR**  **STOP SIGN**
**CROSSWALK**  **PREDICTABLE**  **TRAFFIC**
**EYE CONTACT**  **RAILROAD**  **TRAIN**
**FUN**  **REFLECTIVE**  **VISIBLE**
**HAND SIGNAL**  **RIGHT OF WAY**  **WHEEL**
**HELMET**  **RULES OF THE ROAD**  **YIELD**

Answers on Pages 22-23
Find the Route
Help Clare find her way to Megan and her other friends in the park.
Bike lanes

Use bike lanes when available. Bike lanes provide a space dedicated for bicyclists so they can travel safely. Motorists are reminded to share the road.

Here are some of the bike lane symbols you’re likely to see:

Changing lane positions

When preparing for left hand turns, avoiding hazards in the road, and riding on one way streets you will need the skills to change lane positions.

Each time you change lane position you will need to look back. Here are the steps:

1. In position 3, look back over your shoulder for a gap in the traffic,
2. signal your intent to change position,
3. and move left into position 2.

Then, depending on whether you plan to turn or simply avoid an obstacle, you will return to position 3 or proceed through a turn. (See Left turn on page 9 for more instructions.)

If you can’t find a break in traffic you may need to slow down and wait for an opening. Before proceeding, make sure that all motorists see you—it’s a good idea to make eye contact with drivers.

You will need to repeat steps 1, 2, and 3 each time you change lane positions.

The right attitudes
11

Bikes are a part of traffic, like cars. Bikes have the same rights and responsibilities as cars. Ride predictably and assertively, make eye contact with drivers, and look back for oncoming traffic before changing lane position.

Looking back

Looking back over your shoulder for traffic is an important skill. Cyclists often ride one-handed when looking back before changing positions or to signal a turn. Checking over your shoulder for traffic is similar to the way motorists use mirrors and visual checks when preparing for left hand turns, lane changes, and to be aware of traffic. Here are some pointers to make looking back easy. (Practice on a playground, empty parking lot, or low-traffic street.)

1. Practice riding with your right hand on the handlebars and your left hand on your hip.
2. Sit up tall and look back over your left shoulder.
3. Repeat until you can comfortably ride and look for traffic without swerving.

Eye contact

Make eye contact (0-0) with drivers at intersections to be recognized as part of traffic and to communicate right-of-way. Double-check to make sure you’ve been seen, and be very careful if someone waves you through when you don’t have right-of-way.
Bike Riding Dangers
Can you find all 13?

Pretend you are the person riding the bicycle at the bottom of the picture. Can you see all the things that could cause you to have a crash? There are 13 hazards in this drawing. Can you find them all?

Answers on Pages 22-23
Right-of-way

All vehicles must follow right-of-way rules to safely cross intersections. Right-of-way helps you decide who goes first at an intersection.

If two vehicles arrive at the intersection at the same time, the vehicle on the right has right-of-way and gets to go first.

If two vehicles traveling in opposite directions get to the intersection at the same time, the vehicle going straight goes first, before the vehicle turning left.

If there are three vehicles at the intersection, the vehicle that gets there first goes first. If all three vehicles get there at the same time, the vehicle to the right goes first.

Turning right

Stay in position 3 as you ride up to the stop sign. Stop at the stop sign and look left and right and left again for traffic. Give your right turn (↺) signal and move into position 3 on the adjacent street. Keep your turn tight (↺) and avoid swinging wide.
Riding through intersections can be tricky. Decide where you are going before you get to the intersection. Pay attention to other vehicles. Signal your turn. Who was the first at the intersection? Who has right of way?
**Signs**

The color of a sign is an important part of the sign’s message. Color the signs (hint: get out your red, black and yellow/gold markers) and describe what you do when you see each of them.
* **VISIBLE**
* **PREDICTABLE**
* **LEGAL**

It's the way to go!

* Be **visible** by wearing bright, **reflective clothing**, and using **lights and reflectors** on your bike.

* Be **predictable** so drivers and pedestrians can figure out what you’re going to do. Be predictable by **riding on the right** side of the street, **obeying traffic signs** and **using the rules cars use**.

* Be **legal**, because the laws are designed to allow everyone to use the streets and sidewalks safely.
**Left turn**

- Look back for a break in traffic.
- Signal left to change positions.
- Move into position 2 from position 3. Look back again. Then move from position 2 to position 1.
- Stop at the stop sign and look left, right, and left again for traffic.
- Give left turn signal again and turn into position 3 on the adjacent street.

Let pedestrians cross the street safely before proceeding.

Remember to make eye contact to communicate with drivers. Before moving into the intersection, make sure all motorists see you!
Two other left turns

Heavy traffic may make it difficult to turn left. In cases where the traditional left turn is not possible, use one of these two left turns to get where you’re going.

Left turn #2: Walking in crosswalk

1. Stay in position 3 as you arrive at the intersection.
2. Stop for stop signs, yellow or red lights.
3. Get off your bike and walk it to the crosswalk. Wait for the “Walk” signal.
4. When the walk signal lights, walk your bike across the intersection in the crosswalk.
5. When you arrive at the opposite curb, turn left and wait for the walk signal at that corner.

When the walk signal lights, walk your bike across the intersection to the opposite corner.

6. Look back for traffic, then get back on your bike in position 3. When traffic is clear, ride on with traffic.

Left turn #3: Riding in crosswalk

Similar to left turn #2 except you ride slowly across the intersection in the crosswalk.

Stop before you reach the curb and turn yourself in the direction of traffic, either in the lane or in the crosswalk.

Look back for traffic.

When traffic is clear or the light turns green, ride on with traffic in position 3.

There are a few different ways to make a left turn.
How busy are the streets you ride on? Do they have multiple lanes?
These answers will help you choose the correct left turn for each situation.
Safe Biking Crossword

Across
4. Used for stopping
7. Be ________ ________, so drivers and pedestrians (and other bicyclists) know what you're going to do
11. Two-wheeled vehicle
13. The shiny kind of clothing it's best to wear while biking
16. Tires should be properly ________ ________.
19. Keep these tied up so they stay out of your bike's chain and other moving parts.
21. Where your hands go
23. Your helmet should _______ correctly to work best.
25. Use ________ ________ to show which way you're going to go (two words).
27. In addition to the street, a place to make a left turn; also used by pedestrians.
28. Rule that determines who goes first at an intersection or when making a turn (three words)
29. What you do at a stop sign
30. Side of the road you ride on
31. A hazard when it barks or chases you
32. Sometimes needs a drop of lubrication to run smoothly

Down
1. Reflective clothing, lights and reflectors make you more ________ ________ so that drivers can see you better.
2. Bikes are part of ________ ________, just like cars.
3. Protects your head
5. These should be properly inflated.
6. A hazard when someone opens a door (two words)
8. Use when available, as it provides a space just for bicyclists.
9. On this, green means go, yellow and red mean stop.
10. Eight-sided, means complete stop (two words)
12. Color of reflector on rear of bike
14. Make ________ ________ with drivers at intersections (two words).
15. Without danger
17. Color of light at front of bike when riding at night
18. On your helmet, only two fingers should fit between your ________ ________ and your neck.
20. A white one on the front, a red one on the back, ________ ________ help drivers to see you.
22. Be a safe and ________ ________ bicyclist by following the laws.
24. How to get there from here
26. Important to do before you change positions or signal a turn (two words)
29. The small plastic parts of the helmet that should be slightly below and in front of your ears
Answers
Pages 12-13

Brakes
Helmet
Predictable
Bicycle
LANE
Reflective
INFLATED
Handlebars
Headlights
Brakes
Right
Stop
Chain

Visible
Predictable
Legal
The Way To Go!
Now that you’re ready to ride…

**Always wear your helmet** – every time you ride

- Ride in the same direction as other vehicles. Bicyclists and drivers follow the same rules of the road.
- Pay attention to traffic. Do not use headphones or cell phones while you bike.
- Be visible. Wear bright clothing and reflective materials when you ride.

**And, above all,** obey all traffic laws, signs and signals.

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