

I'M PROTECTING THE FOREST with Garofeu

20 PRO TIPS
FOR THE WHOLE FAMILY



EDUCATIONAL
ACTIVITIES
AND CRAFTS
FOR 8 TO 12
YEARS OLD

Hi, it's me Garofeu!

I'm SOPFEU's special prevention officer. I need you and all your friends to reduce the number of forest fires in Quebec. Together, we can protect the forest.



DID YOU KNOW?

There are approximately **450 TO 475 FOREST FIRES** per year in Quebec.

In 2020, a forest fire **the size of the island of Montreal** occurred north of Lac-Saint-Jean. **The cause: A poorly extinguished campfire.**



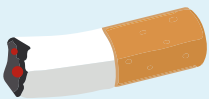
Up to 75% of wildfires are caused by human activity. So, by adopting good behaviour, we could avoid most fires.



Lightning causes 25% of wildfires.



Each year, all-terrain vehicles (ATVs) cause 10 forest fires.



Cigarette butts thrown into dry brush cause **80 forest fires per year.**

People who leave their campfires **unattended** or who don't put them out properly are responsible for **60 forest fires per year.**



Every spring, residents who clean up their yards by burning old branches, dead leaves, plant residues, or other waste materials are responsible for **75 wildfires.**



WE CAN TAKE ACTION!

With this activity booklet, I'm offering 20 pro tips so you can become a forest fire protection specialist. Once you've completed the workbook, go to the SOPFEU website to test your knowledge and have a chance to win great prizes. www.sopfeu.qc.ca/Garofeu

Pro TIP

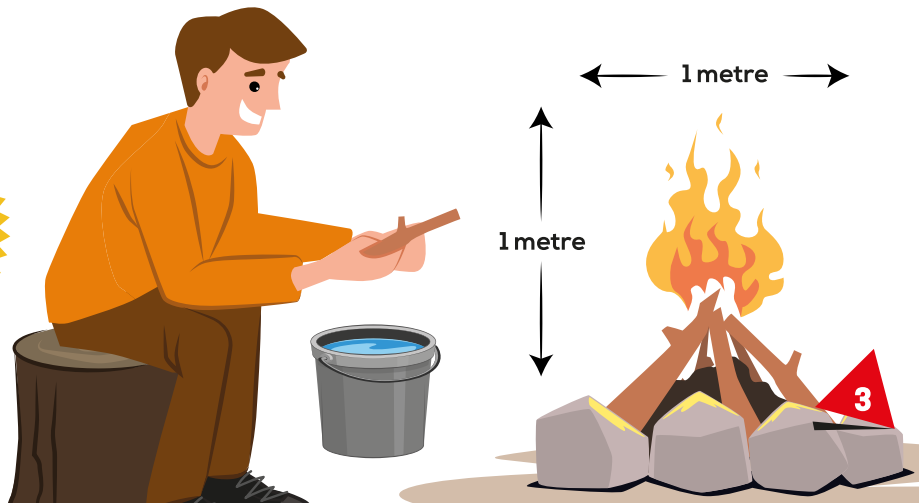
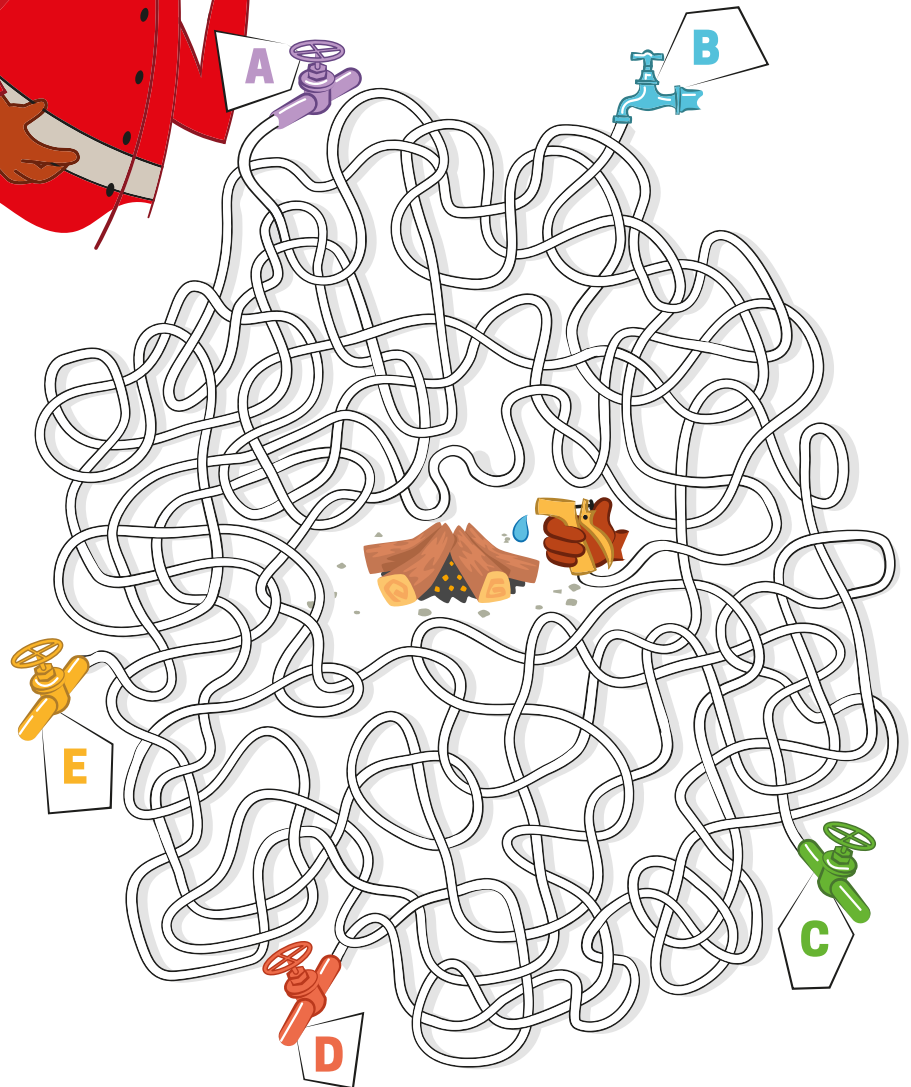
KEEPING YOUR CAMPFIRE SAFE

- 1 A campfire must be built in an **open space**, on a surface **free of flammable materials**, dead leaves, grass, or other combustibles. The fire must be made on soil, sand, or gravel, with no combustibles around it.
- 2 One of the precautions to take before starting a campfire is **to have water nearby** so that you can put out your fire quickly if necessary. If you don't have a garden hose, make sure you have a bucket of water.
- 3 It's important to be reasonable when building a campfire. **It should be small** enough to be kept under control. It should never be larger than one metre by one metre.
- 4 The law says that a campfire or trash or waste burn **should never be left without constant adult supervision**. All it takes is a gust of wind to lose control of a fire.
- 5 By law, a campfire **must always be completely extinguished** before you leave the premises. Therefore, you need to douse it with lots of water while vigorously stirring the embers. Then, repeat the process until you can be sure that there's no longer any source of heat by touching the ashes.



Put out your fire properly!

WHICH VALVE SHOULD BE OPENED TO COMPLETELY PUT OUT THE FIRE?



Mandala



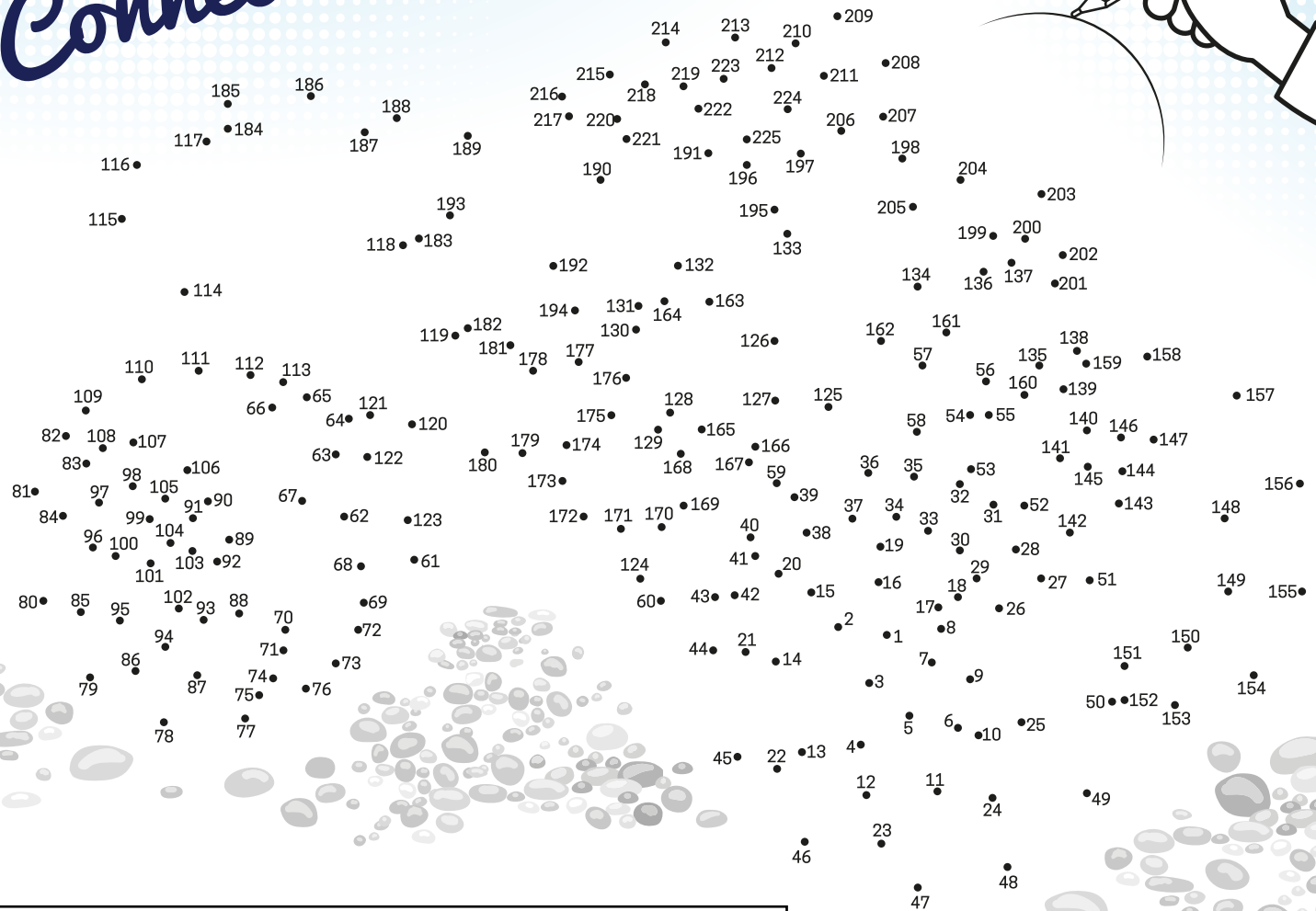
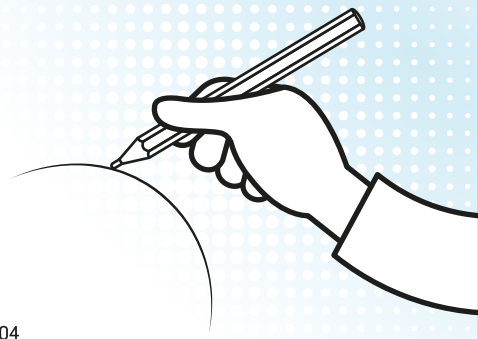
**Pro
TIP**

PRO TIP FOR PYROTECHNICS

- 6** If the fire danger is high, fireworks should not be set off near the forest. Fireworks are also prohibited if an open fire ban is in effect.



Connect the dots



Pro TIP

OPERATING AN ALL-TERRAIN VEHICLE SAFELY IN THE FOREST

- 7 Hot parts of an ATV must be **cleaned thoroughly**. Clumps of organic material that adhere to the engine or muffler dry out in the heat and can ignite and cause a fire when they fall to the ground.
- 8 **Never park an ATV in brush.** The hot engine parts could ignite the dry grass.
- 9 For the same reasons, **avoid traveling off marked trails** when the fire danger is "high" to "extreme" as the brush becomes highly flammable.



CAMPING

Word Search Puzzle

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

 _____ !

- | | | | |
|----------|--------|----------|---------|
| Axe | Dinghy | Forest | Rope |
| Bag | Duck | Gourd | Rowboat |
| Bark | Ember | Holiday | Song |
| BBQ | Family | Lake | Spark |
| Book | Fern | Leaf | Spring |
| Branch | Fir | Log | Sun |
| Camping | Fire | Map | Tent |
| Candle | Fish | Oar | Tree |
| Caravan | Flame | Penknife | Water |
| Chipmunk | Flower | Rock | Wood |
| Cloud | Fly | Root | |



Pro TIP

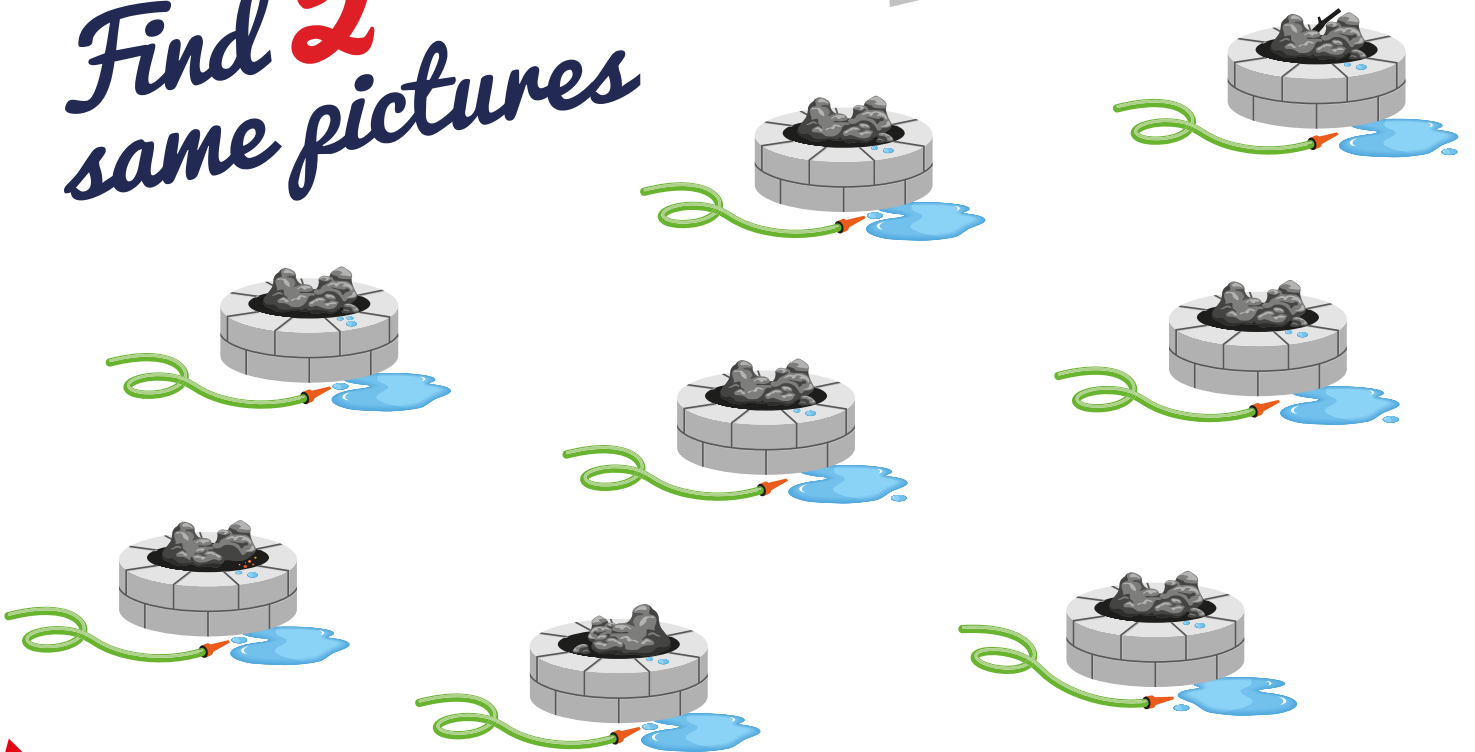
PRO TIP FOR A SAFE FIRE PIT OR OUTDOOR FIREPLACE

12 Equipping a fire pit or an outdoor fireplace with a spark arrestor is an excellent way to reduce the risk of losing control of your fire. To be safe, the openings in the spark arrestor should be no larger than one centimetre by one centimetre. In addition, the fireplace or fire pit should be placed on pavement or on an open area of dirt, sand, or gravel, well away from buildings, fences, trees, or shrubs.

13 It's important to make sure that **ashes from the fire pit or fireplace are completely cooled before disposing of them.** Every year, SOPFEU responds to fires caused by ashes that are still hot and tossed near the forest. This ash can set fire to the grass and quickly spread to the forest.

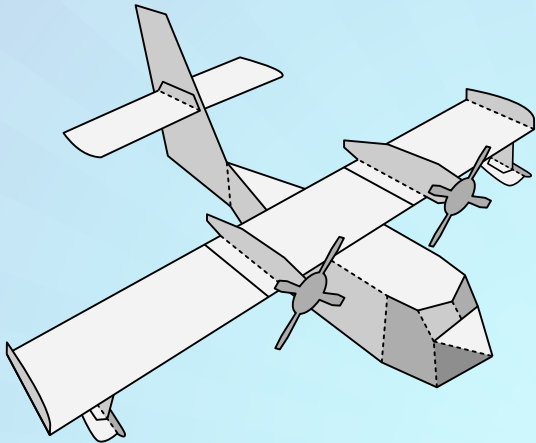


Find **2** same pictures



AIR TANKER

to be assembled



TUTORIAL AVAILABLE :
www.sopfeu.qc.ca/garofeu

DID YOU KNOW?

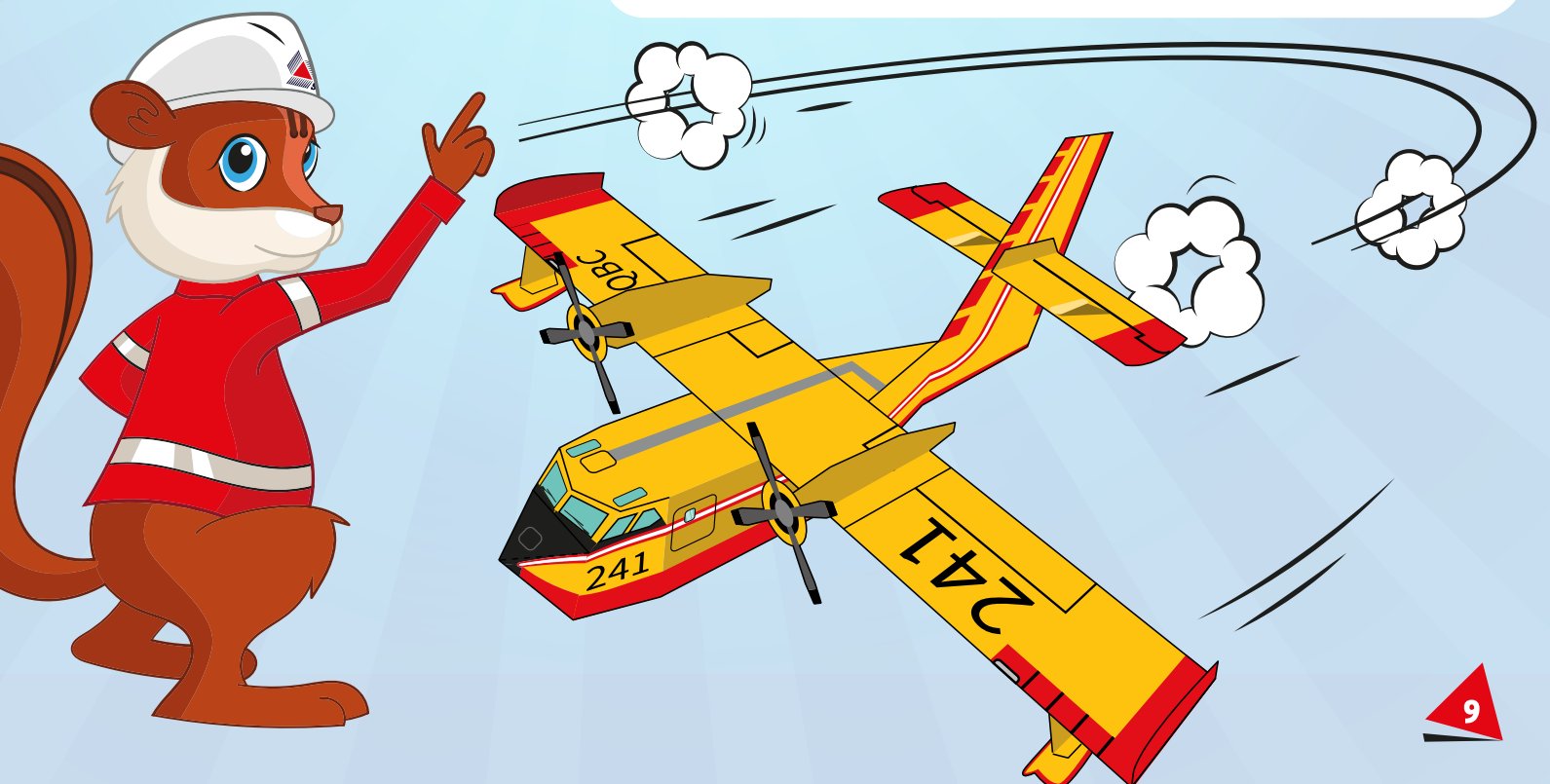
SOPFEU uses a fleet of 14 air tankers, which it deploys to the four corners of Quebec depending on the fire risk.

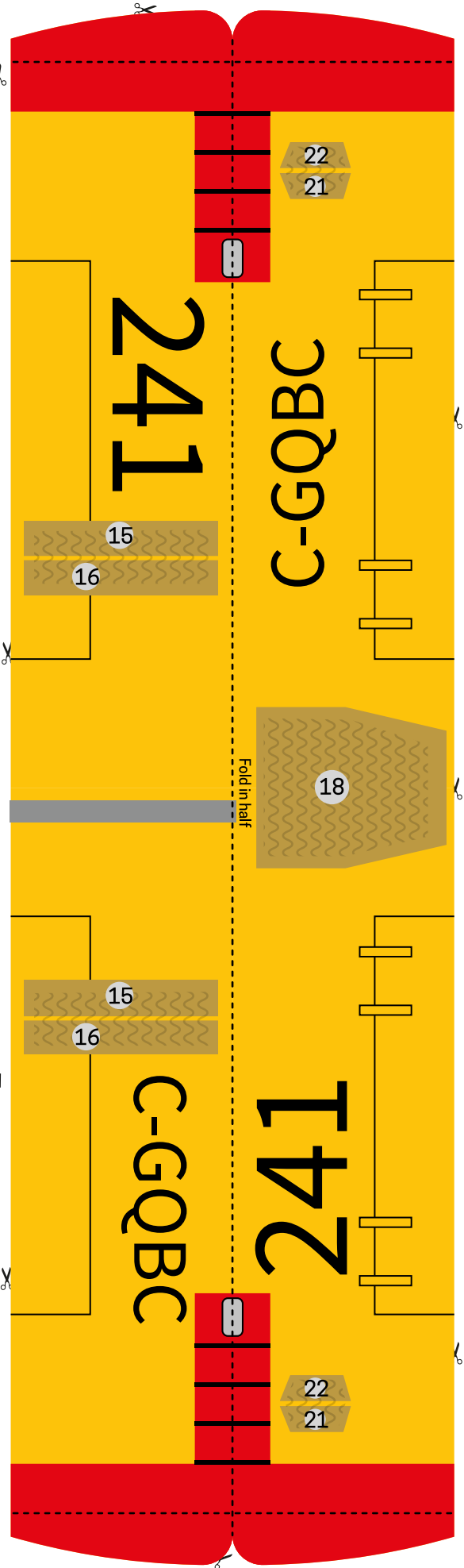
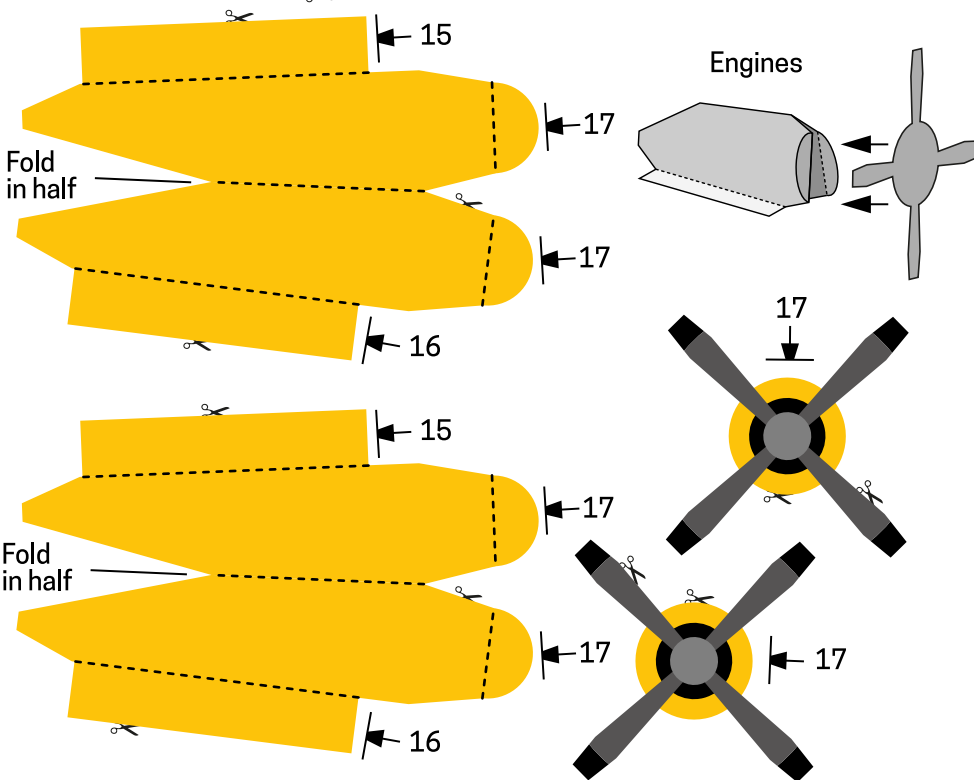
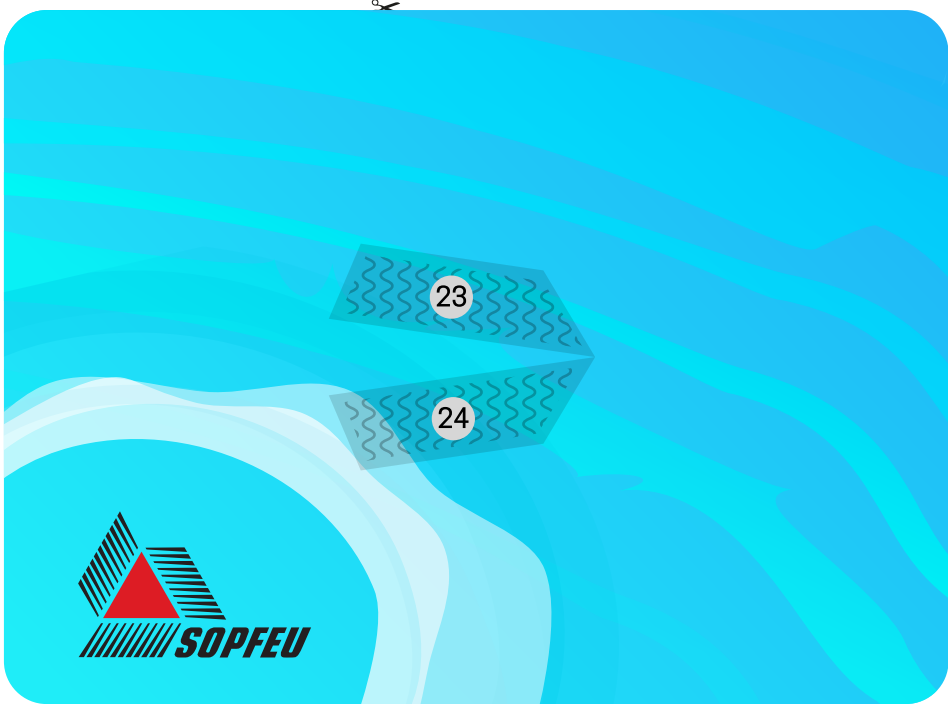
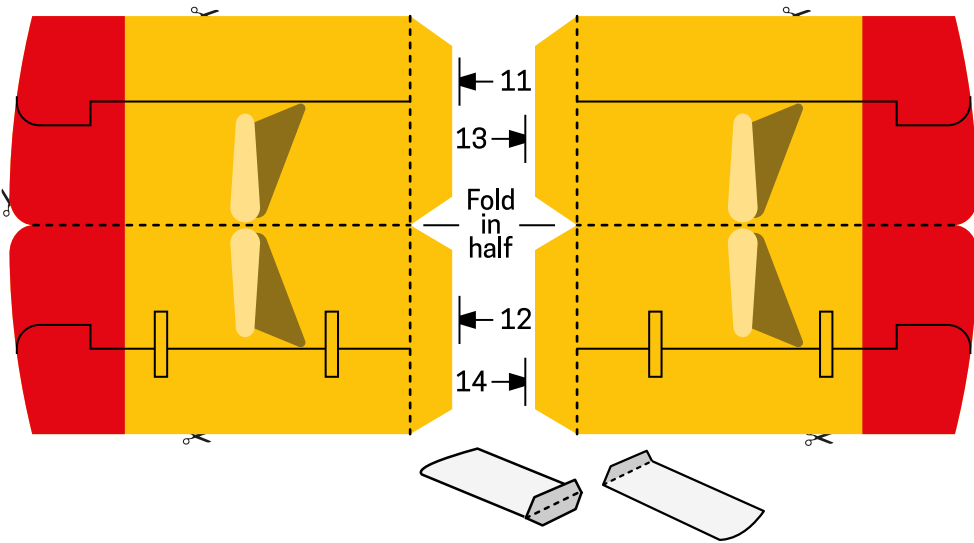
The CL-215 and CL-415 are the only aircraft built specifically to fight forest fires.

They were developed in Quebec more than 50 years ago with the support of the Quebec government.

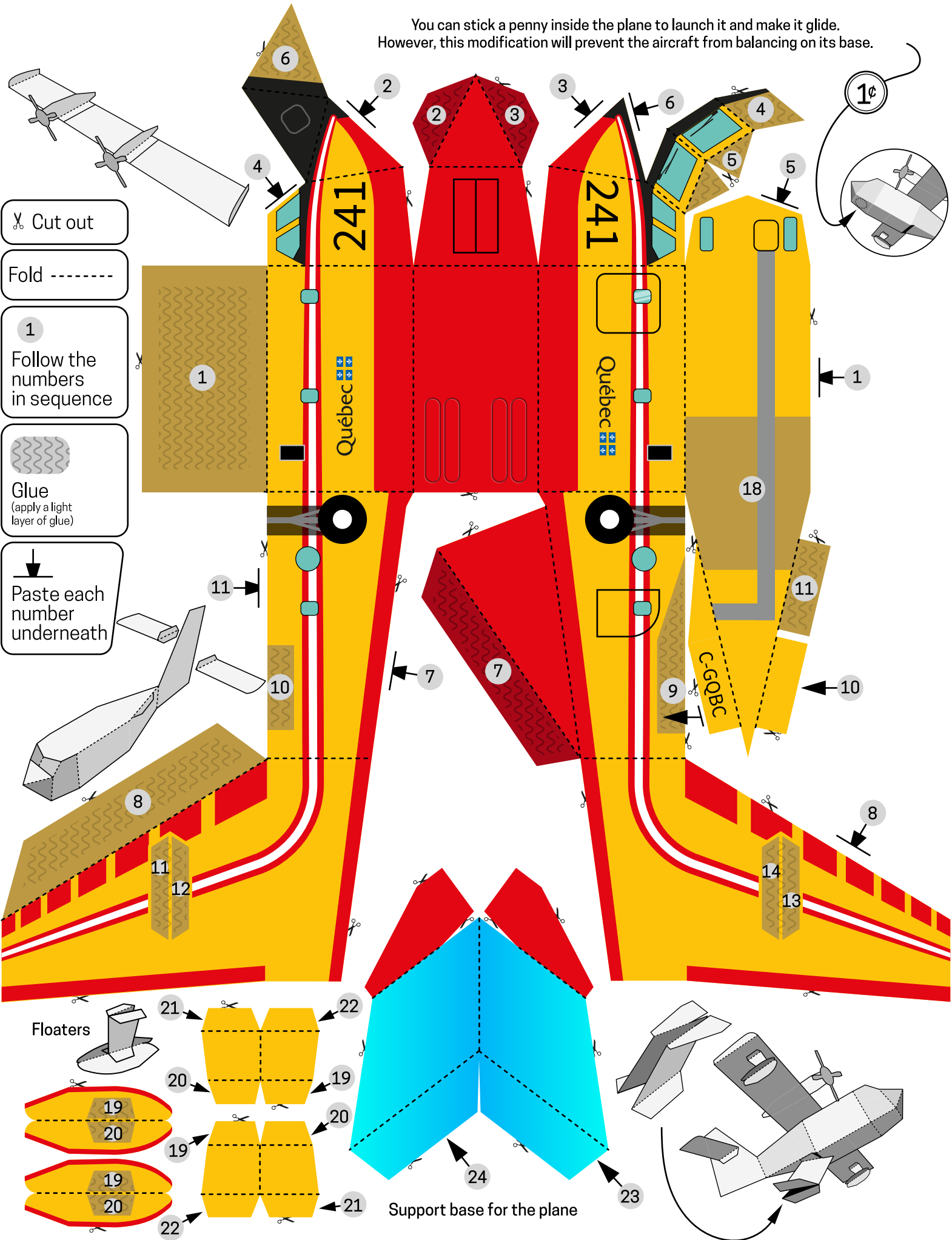
These aircraft are particularly effective in Quebec given the abundance of lakes in almost all regions.

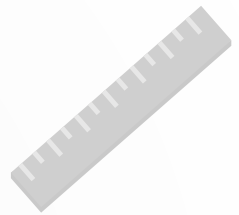
The tanks hold about 6,000 litres of water, which is equivalent to six tons. It only takes 10 to 12 seconds to scoop this amount of water.



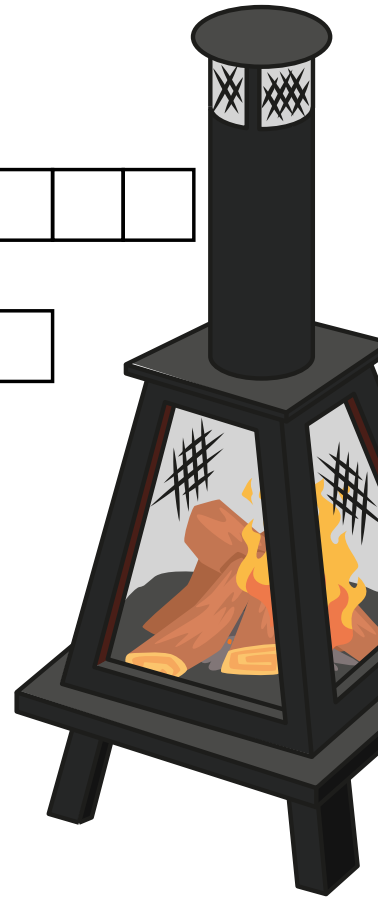
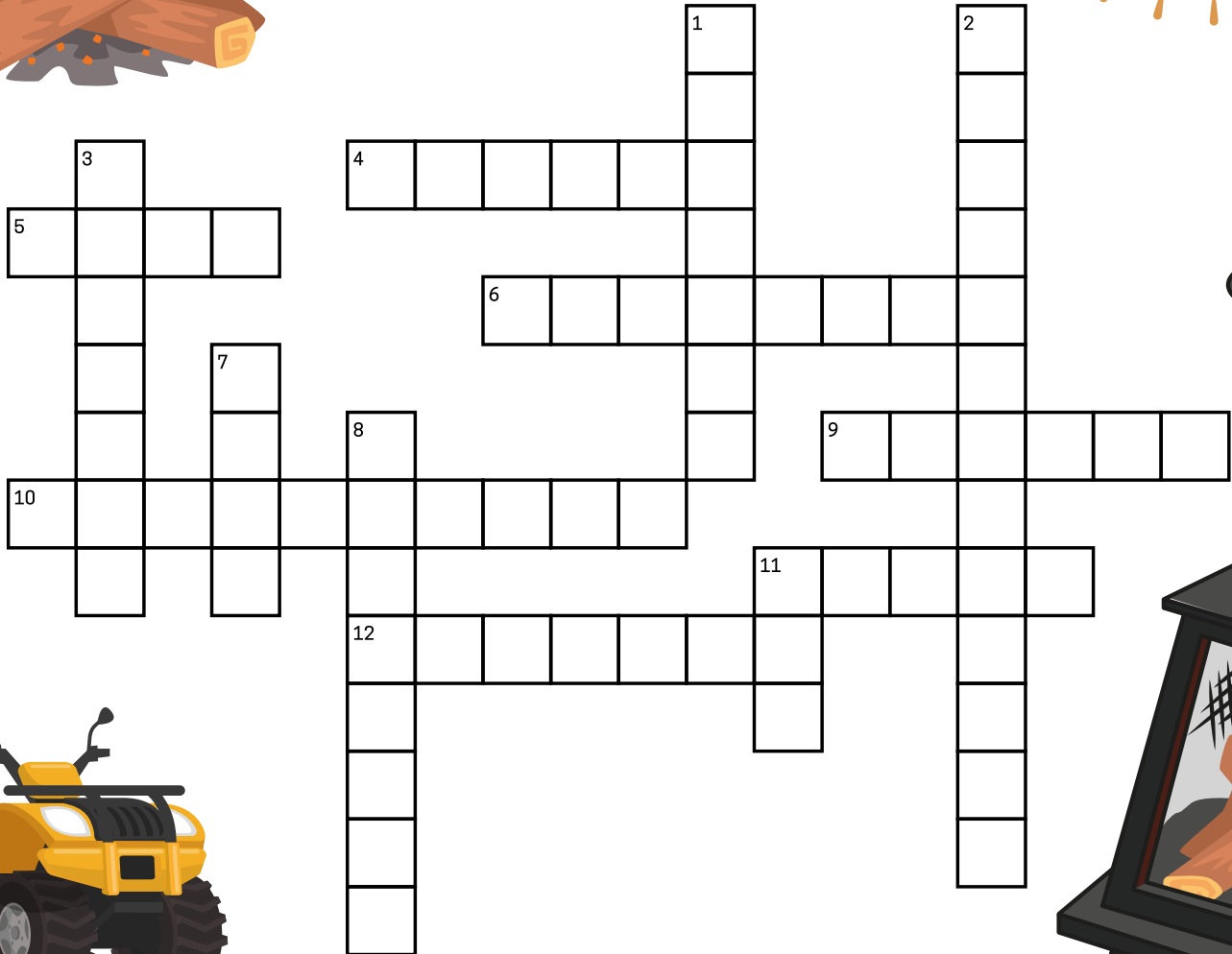


You can stick a penny inside the plane to launch it and make it glide.
However, this modification will prevent the aircraft from balancing on its base.





Crossword puzzle



Vertical :

1. Highest fire danger risk rating
2. Prevents firebrands from escaping the fireplace
3. Hot engine part that can cause a fire
7. To report a fire (French word) : 1-800-463-_____
8. Keep a close eye
11. All-terrain vehicle

Horizontal :

4. Container
5. Flammable material
6. Pyrotechnics
9. Fire dispersal
10. Set of rules
11. Fire can be re-ignited from these
12. Solution to get rid of dead leaves

Word search

Making...

OSMCPOT

Bring them to an...

ECEONRCT

Collections of...

RNSETEGWAE

There are safe and environmentally friendly alternatives to burning waste and trash.



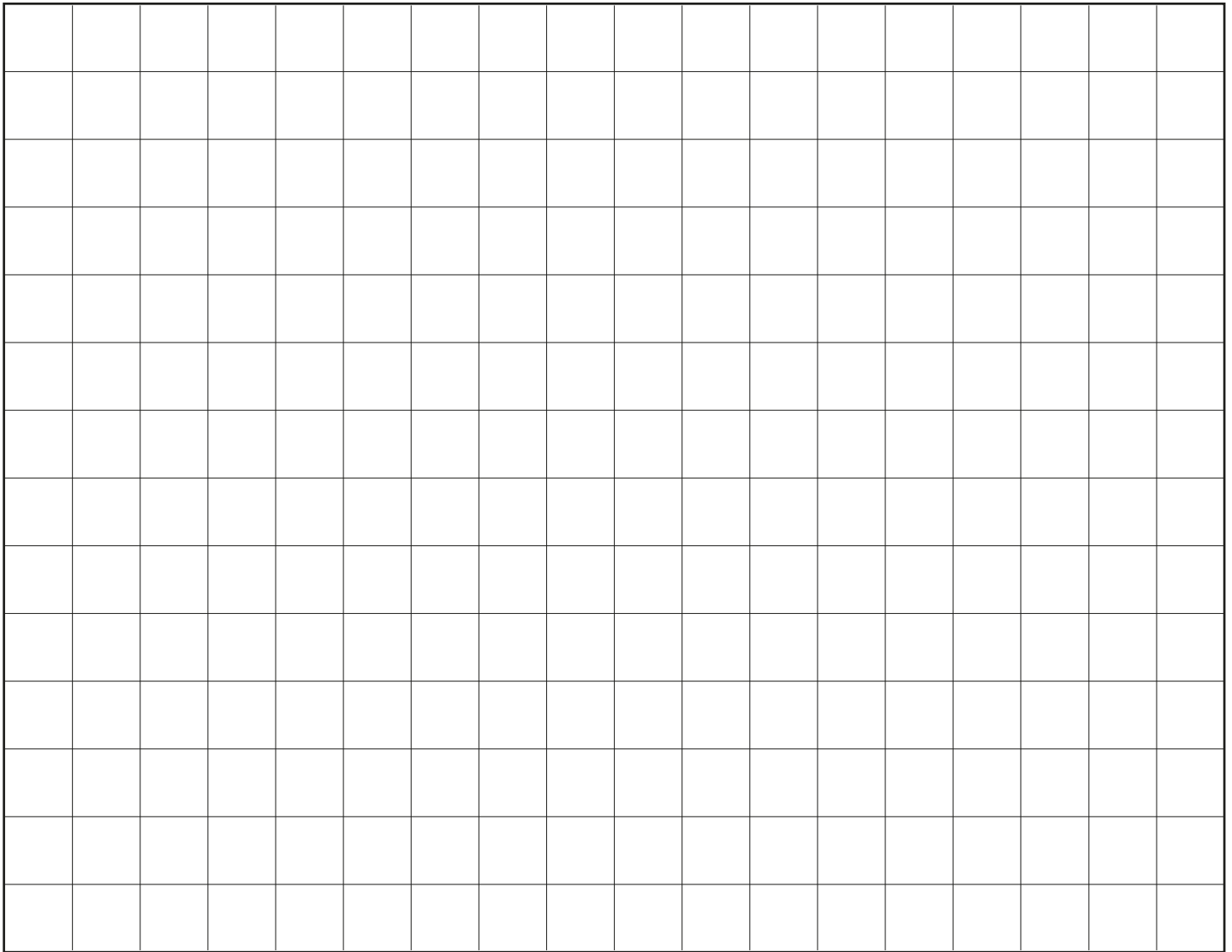
Pro TIP

NO TO BURNING WASTE AND TRASH

- 14** Before burning waste and trash, **check with the municipality to see if a permit is required.** Regulations may differ from one municipality to another. Make sure you know the by-laws of your municipality before you burn your trash or light a fire!
- 15** Burning dead vegetation (leaves, brush, old branches, etc.), waste, or trash poses a risk to communities. **Instead, safe and environmentally friendly alternatives such as composting, green waste collection, and the ecocentre should be used.**



Tiling

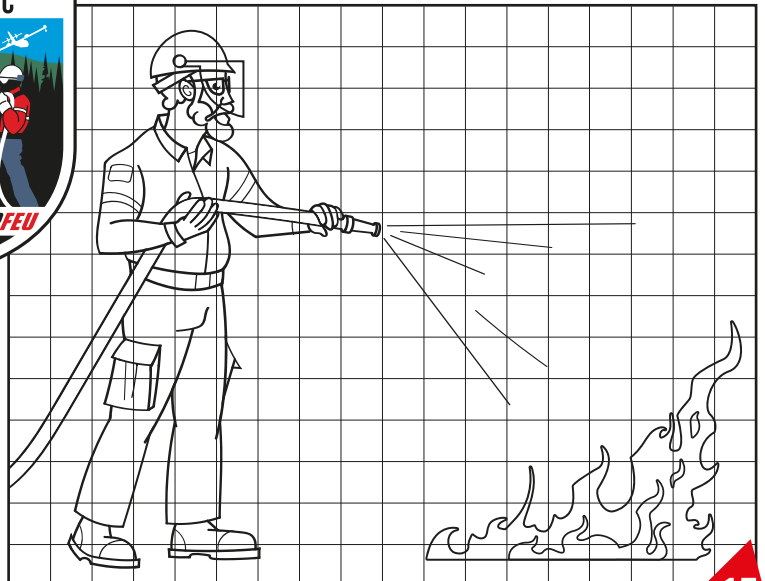


FOREST FIREFIGHTERS

Did you know that SOPFEU has approximately 500 employees, strategically located throughout Quebec, in 28 bases of operations and one head office? Of this number, approximately 250 seasonal forest firefighters work mainly from April to September, depending on the region.

In addition to extinguishing 450 to 475 forest fires per year in Quebec, they are regularly deployed to the rest of Canada, the United States, and even as far away as Australia to assist their colleagues.

Their work is important because despite the strength of the initial attack by the air tankers, it's the firefighters who put out the fires, using fire hoses, hand tools, and various techniques.



Pro TIP

TO REMEMBER BEFORE LIGHTING A FIRE

- 16** Before initiating any activities in the forest or lighting a fire, **you should consult SOPFEU's fire danger rating** via its website, mobile app, or signs installed near the forest. When the danger varies from "high" to "extreme," it's important to be extra careful and avoid risky behaviour.
- 17** **Burns and campfires should be avoided when the wind is blowing at more than 20 km/hr.** Each year, a number of small fires "escape" due to flying sparks or spreading flames, causing wildfires.
- 18** Before lighting a fire on a property, it's important to **consult your municipal by-laws.** The municipality may have a by-law governing bonfires, domestic burning, or fireworks. It may even prohibit open fires if it deems such a ban necessary.
- 19** You should also **ensure that there are no open fire bans** in your sector. Where bans are in effect, no campfires, trash and waste burns, fireworks, or the use of any object or tool that produces flames are permitted.



KNOW THE FIRE DANGER RATING

Here's the behaviour to adopt according to the fire risk in effect

LOW

MODERATE

HIGH

VERY HIGH

EXTREME

You can make a fire, but remember to keep a close eye on it.

If the wind is strong, avoid fires.

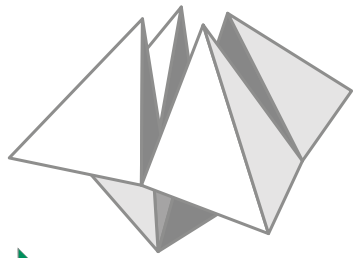
No fire or fire only in a fireplace or fire pit with a spark arrestor.

Pro TIP

IF YOU SPOT A FOREST FIRE

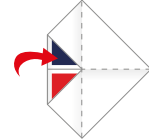
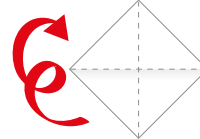
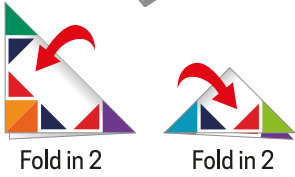
- 20** When you spot a forest fire or a column of smoke that looks like the beginning of a fire, **call 1-800-463-FEUX (3389) immediately to report it.** You can also call 911 or the municipal fire department.





Salt Shaker Game

Put your knowledge to the test. You can also play with a friend.



Fold in 2

Fold in 2

Unfold

Fold the 4 corners towards the centre

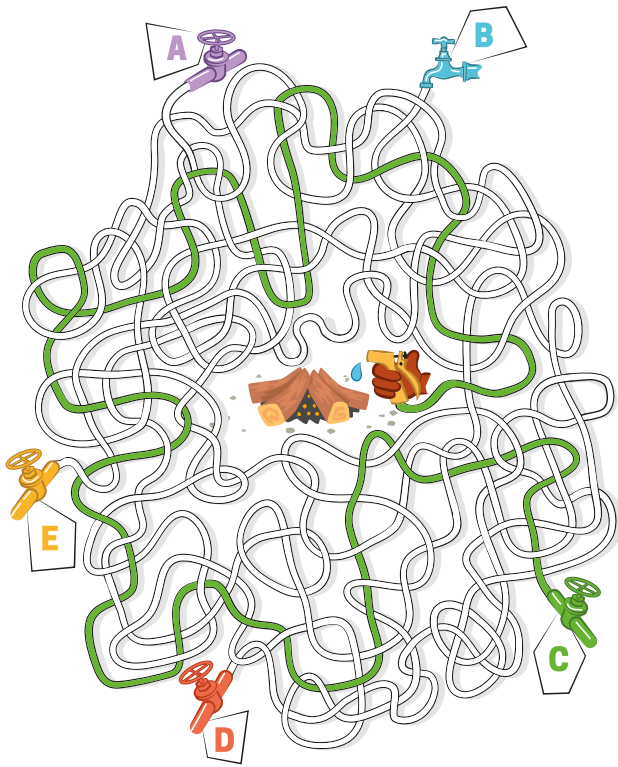
Turn over

Fold the 4 corners towards the centre

<p>GREEN</p>	<p>1</p> <p>True or false</p> <p>It's safe to build fires when the wind is blowing at more than 20km/h.</p>	<p>2</p> <p>True or false</p> <p>Emptying the ashes from the fireplace with a vacuum cleaner is safe.</p>	<p>BLUE</p>
<p>8</p> <p>True or false</p> <p>About 50 forest fires are caused by smokers' items each year.</p>	<p>False. Each year, a number of forest fires are caused by flying sparks.</p> 	<p>False. Never empty the ashes from the fireplace with a vacuum cleaner, but rather with a metal shovel.</p> 	<p>3</p> <p>True or false</p> <p>You're required to stay near your fire until it's completely out.</p>
<p>7</p> <p>True or false</p> <p>A campfire should never be larger than 1 metre by 1 metre.</p>	<p>True. It should be small enough to be kept under control.</p> 	<p>True. A fire can ignite if organic material comes in contact with hot engine parts.</p> 	<p>4</p> <p>True or false</p> <p>When the fire danger is high, avoid off-trail ATV outings</p>
<p>ORANGE</p>	<p>6</p> <p>True or false</p> <p>A fire can rise from its ashes.</p>	<p>5</p> <p>True or false</p> <p>Fireworks may be set off at any time.</p> <p>A fire can rise from its ashes.</p>	<p>PURPLE</p>

GAME SOLUTIONS

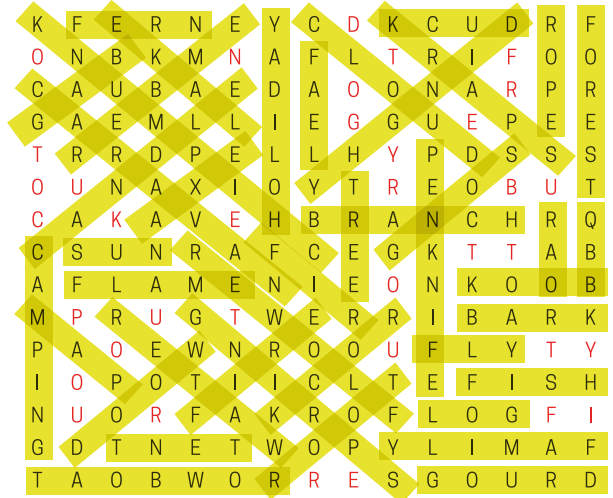
Putting out your fire properly



Page 3

Answer: C the green valve

CAMPING Word Search Puzzle

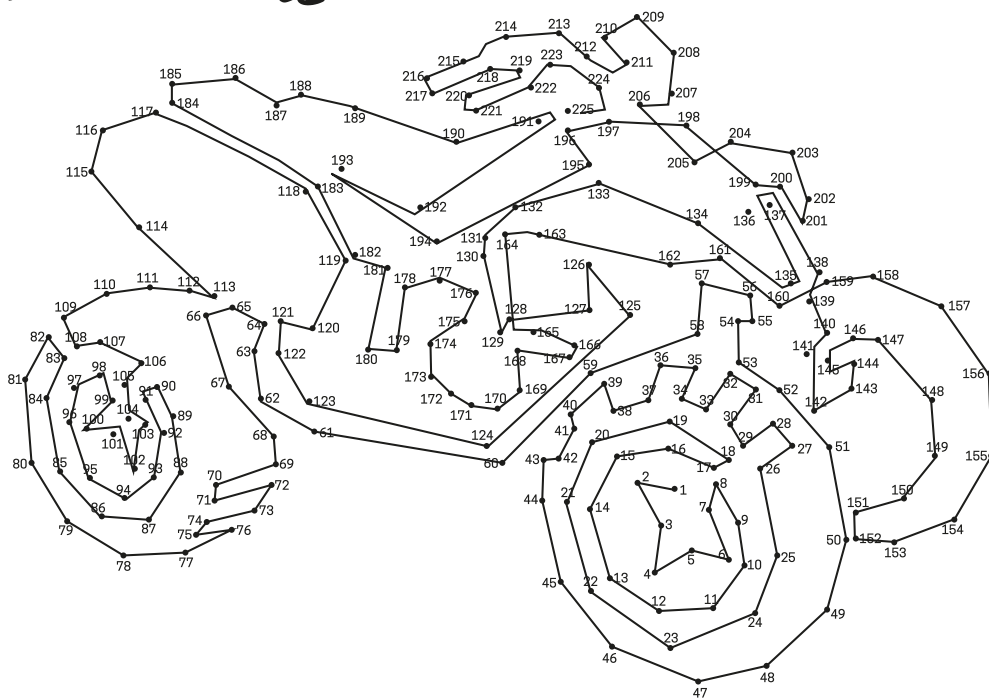


Answer:

D O N ' T F O R G E T Y O U R B U C K E T O P U T O U T Y O U R F I R E!

Page 6

Connect the dots

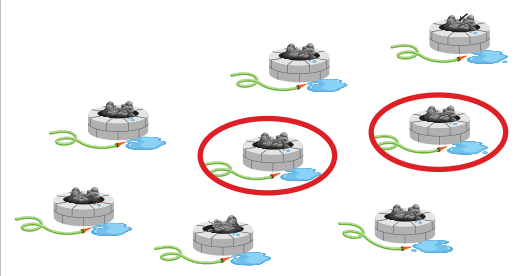


Page 5

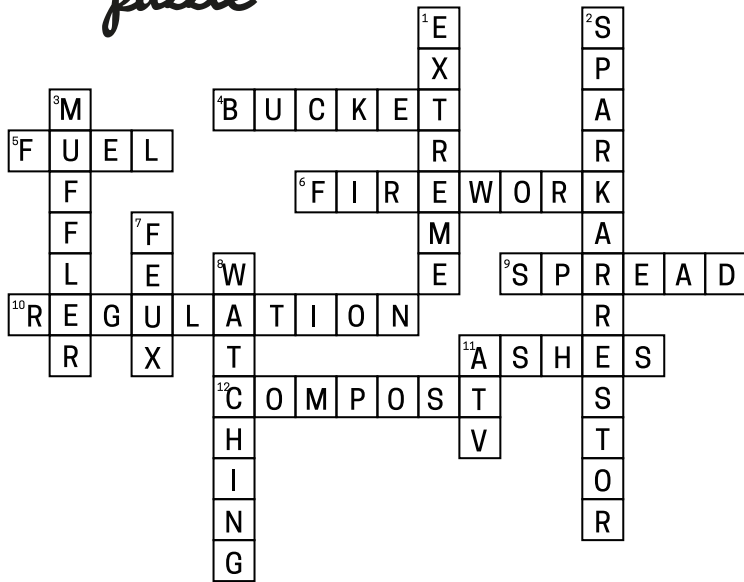
Search and find



Find 2 same pictures



Crossword puzzle



Word search

Making...
COMPOST
DSMCPOT

Bring them to an...
ECOCENTRE
EECEONRCT

Collections of...
GREEN WASTE
RNSET EGWAE

For more learning tools with Garofeu, visit sopfeu.qc.ca/Garofeu. our education section will expand over time!

Are you a teacher, educator, daycare provider, day camp worker, or other interested party? Would you like to introduce children to forest protection?

Contact Garofeu by email at garofeu@sopfeu.qc.ca to learn more about our educational component.



Congratulations!

YOU'RE NOW A FOREST PROTECTOR!

I'm delighted to have you among my friends and I'm counting on you to prevent forest fires in Quebec.

Don't forget!

- An adult must always make the campfire, since you shouldn't play with fire.
- Always keep an eye on the campfire.
- Campfires should always be put out with water and an adult must check for heat sources before leaving the forest.



Contest

Go to www.sopfeu.qc.ca/garofeu to test your knowledge and enter for a chance to win a prize.