# THE STORY OF









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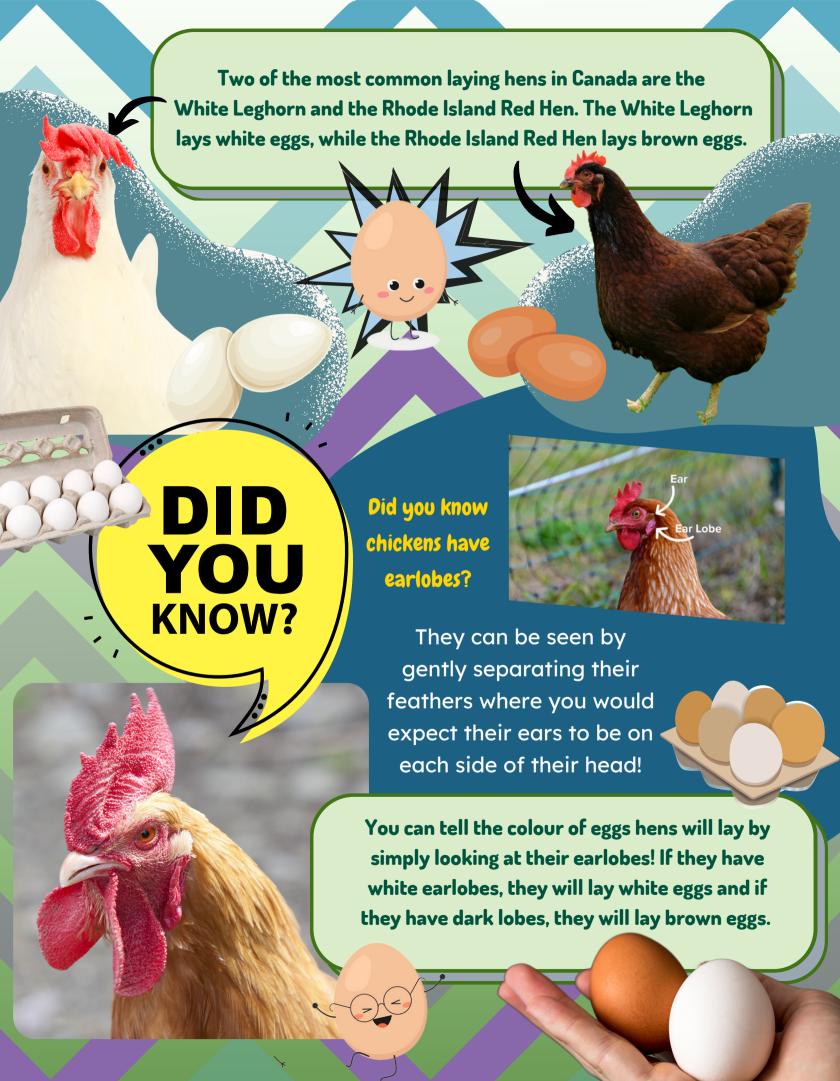


Visit www.eggs.ab.ca to learn more!

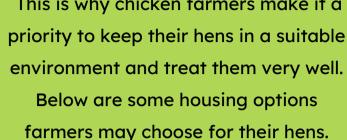
ACTIVITY BOOK







# Happy as a Hen THE BEST EGGS COME FROM THE HAPPIEST HENS! This is why chicken farmers make it a priority to keep their hens in a suitable





#### **Enriched Hen Housing**

In enriched housing, hens are kept in spacious enclosures in a barn. They are given perches, nesting boxes, scratch pads and dust baths to make sure they're comfy and feel at home! In this system, egg collection is super easy. When the hen lays an egg, the egg rolls onto a conveyor belt that carries them away to a collection area.

#### Free Run

In free run barns, hens roam around the barn freely. They're also provided with nesting boxes and perches along the barn floor. Some of these barns also have aviaries, which provide multiple tiers of nest boxes.

#### Free Range

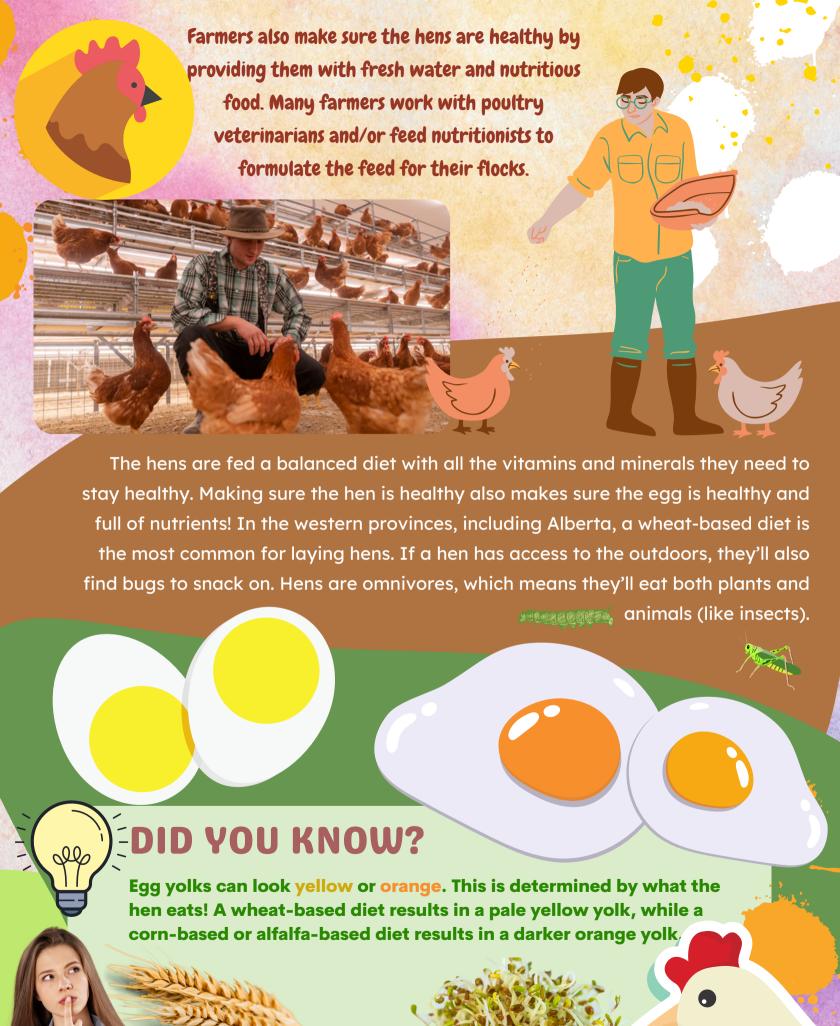
Free range housing is similar to free run barns, with one difference. In addition to being able to roam around the barn, the hens also have access to the outdoors! The outdoor pasture area is fenced off to keep the hens safe.











#### EGG GRADING

Once the eggs have been collected, they're transported to a grading station. Grading stations are registered with and certified by the Canadian Food Inspection Agency.

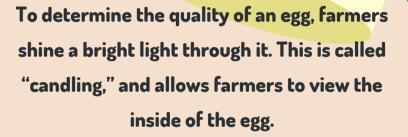
Here they are washed, sanitized and assessed for quality, both inside and out.

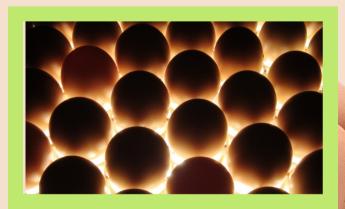






The eggs then get sorted into different groups based on the quality of the yolk, the white and the shell.







The three grades of eggs are: Grade A, Grade B and Grade C.



Grade A are eggs you can buy at grocery stores. The yolk is round and centred, the white is thick and the shell is clean and uncracked.



#### GRABE B

Grade B are eggs commonly used in baking products. The yolk might not be perfectly round, the white might be thinner than ideal, and the shell might be rough, though it is still uncracked.





Grade C are eggs commonly used in processed egg products. These eggs have thin whites, flat yolks and the shell may be cracked or stained.

Grade A eggs are also sorted by weight before being sent to grocery stores. The eggs can range from "peewee" (less than 42 grams) to "jumbo" (more than 70 grams). Egg size depends on the age of the hen. The younger the hen, the smaller the egg.

Once they're sorted and packaged, the Grade A eggs are sent to grocery stores. This happens within a week of being laid. Talk about farm fresh!

From there, you can take them home, cook them and gobble them up. Yum!

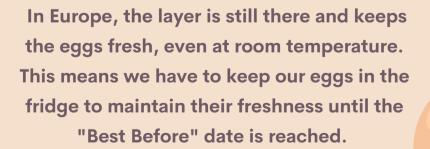




# DID YOU KNOW?



This is because they don't wash their eggs the same way we do. When we wash eggs, we wash away a protective layer that naturally keeps oxygen and bacteria out.





For best results, store eggs in the main body of the fridge (instead of the door) and within their original carton. Consistent temperature and humidity help them to last longer.

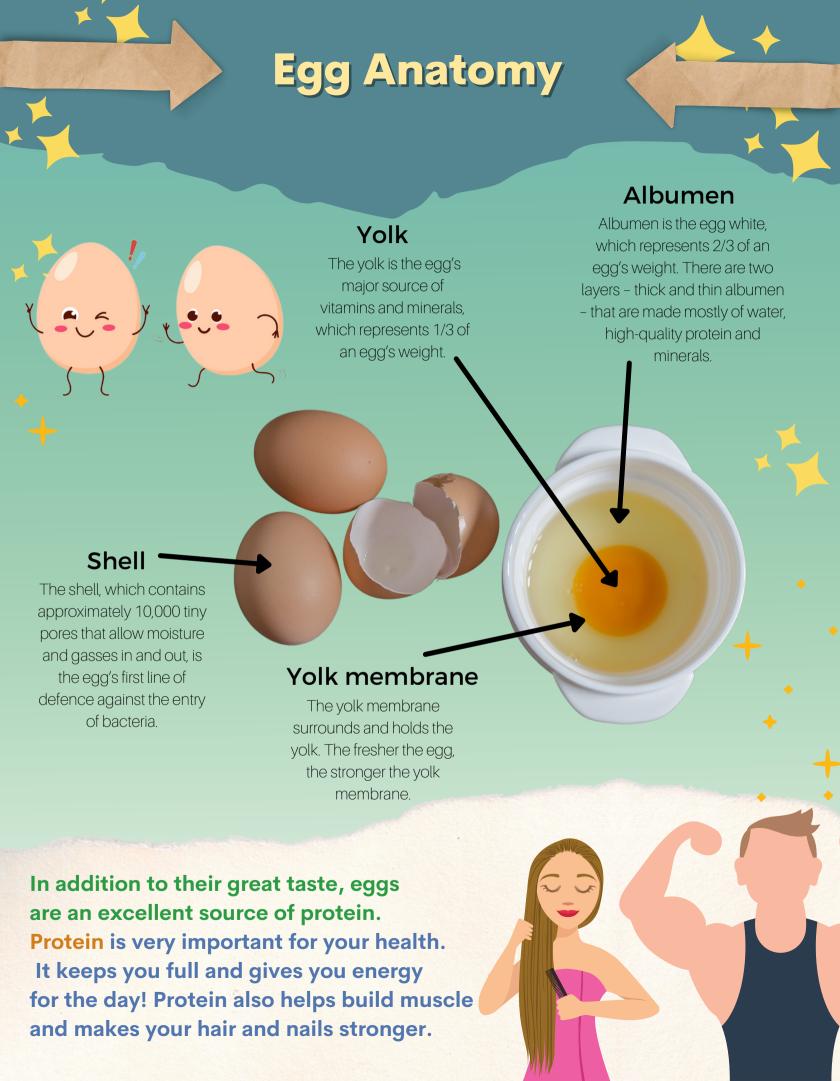
# Do you know how to test an egg for freshness?



Try dropping it in a glass of water! If it sinks it is super fresh, and if it floats it is less fresh. This is due to the air cell in the egg growing over time.



You can use less-fresh eggs to make hard boiled eggs since they get fully cooked and are much easier to peel than fresh eggs.





#### **WHAT YOU NEED:**

- bowl
- whisk or mixer
- baking sheet (greased or lined with parchment paper)
- 4 egg whites (at room temperature for best results)
- pastry bag (optional)





#### **INSTRUCTIONS:**

- 1. Preheat the oven to 200°F (95°C). Butter and flour a baking sheet, or line with parchment paper. The butter will stop the meringue from sticking to the baking sheet, and the flour acts as a barrier to stop the butter from melting into the meringue.
- 2. To separate the egg yolk from the white, crack the egg across the fattest part of the shell. Break the shell into two even halves. Transfer the yolk from one shell to the other, tilting the eggs back and forth and allowing the white to drip out of the shells and into the bowl.
- 3. In a glass or metal bowl, whip the egg whites until foamy using a whisk or electric mixer. Sprinkle in the sugar (a little at a time) while continuing to whip at medium speed. When the mixture becomes stiff and shiny (or forms "stiff peaks"), stop mixing.
- 4. Place 2 heaping tablespoons of the mixture onto the baking sheet and repeat to fill the baking sheet. If you have a piping bag, you can pipe the meringue out onto the prepared baking sheet using a large round tip or star tip.
- 5. Place the meringues in the oven and put a wooden spoon handle in the door to keep it from closing all the way. This will help the meringues to dry out as they bake.
- 6. Bake for 3 hours or until the meringues are dry and can easily be removed from the pan. Allow meringues to cool completely before storing in an airtight container at room temperature.
- 7. Serve with whipped cream and your favourite fruit. Enjoy!



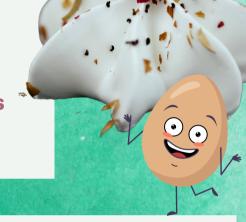


#### **MORE ABOUT MERINGUE!**





These baked meringues are not really "baked"; they are just "dried out" for several hours. The water in them evaporates in the oven. Keeping the oven door open just a touch allows the moisture to escape. This results in sweet and crisp meringue cookies!



Also, remember that egg whites foam best at medium rather than high speed; this allows meringues to have a more solid and stable structure.

Egg whites are very touchy! They will not foam at all if there is any trace of fat in them; so before whipping, make sure the mixing bowl is perfectly clean (and dried at room temperature or with a clean paper towel) and that there are no traces of yolk in the egg whites.

## EGG FOO YUNG

A recipe by Egg Farmers of Alberta





4 eggs

3 tbsp water

½ cup fresh mushrooms, sliced I cup bean sprouts

I tbsp soy sauce

2 green onions, thinly sliced

cooking spray

Warm stir fry sauce:

2 tsp cornstarch ½ cup beef broth I tbsp soy sauce

#### **DIRECTIONS**

- 1. Beat eggs with water and soy sauce. Stir in the bean sprouts, mushrooms and green onions; mix well.
- 2. Spray an 8 inch non-stick skillet with cooking spray. Heat skillet over medium heat.
- 3. Pour in 1/3 of the egg mixture. As mixture sets at the edges, use a spatula to gently lift the cooked portion. This allows the uncooked egg to flow underneath. Cook until the bottom is set and the top is almost set.
- 4. Flip and cook completely for about 1 minute. Slide onto a warm plate.
- 5. Repeat the procedure to make 2 more omelettes.
- 6.Cut into wedges, and serve with warm stir fry sauce.
- 7. Warm stir fry sauce: heat together the cornstarch, beef broth and soy sauce, stirring constantly. Boil for 1 minute and remove from heat. Serve with Egg Foo Yung.

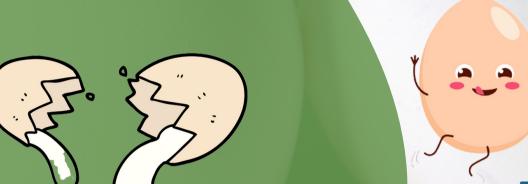




## FARM FUNNIES

What do eggs do when they hear a funny joke?

How do eggs stay positive?







They look on the sunny side of life.

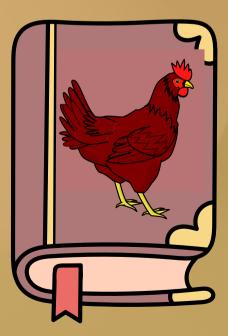
They crack up!

What type of tests do hens have to take?



Eggs-ams.

In which book can you learn all about eggs?

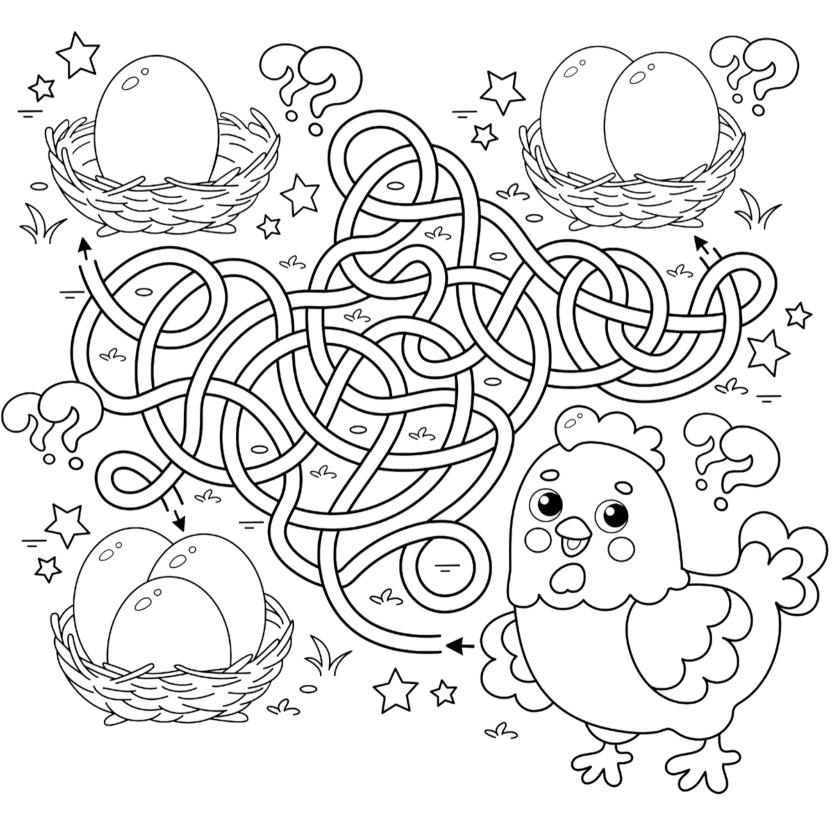


The hen-cyclopedia!



#### Help this hen find her way to the eggs!!









#### EGG 1010MS: NOT EGGS-ACTLY!

An idiom is a common saying that doesn't mean eggs-actly what it says.

Can you match up these eggs-cellent idioms with their meanings?

Don't put all your eggs in one basket



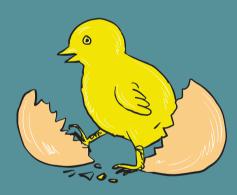
A To appear foolish

You can't make an omelette without breaking a few eggs

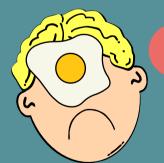


Don't count your chickens before they're hatched

4



Don't put all your resources into one idea in case it doesn't work out



To have egg on your face

Some things cannot be undone or repaired

The cracked egg



Sometimes you have to do unpleasant things in order to meet a goal

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