Step 1- First, fold your paper in half along a diagonal. The dashed lines show where your folds should be.

Step 2- Next, fold your triangle in half again.

Step 3- Now, fold your triangle into thirds. The sides should completely overlap each other.

Step 4- Cut off the bottom points of your new shape to create another triangle.

Step 5- Finally, cut sections or designs out of this shape. When you’re done, unfold your snowflake!

Count the points on your snowflake. If you follow these folding instructions, you will end up with 6 (or a multiple of 6) points. Real snowflakes have 6 sides too, because of the way that water molecules are shaped. (See the coloring page for more details.)
Crystals

1. Lightly draw a circle.
2. Add six points
   a. Every-second point
   b. Every-sixth point
3. Connect points
   a. Draw a six-sided figure
4. Erase circle
5. Embellish
   a. And center point
   b. Points

Draw a hexagon

Color the H atoms
1. White
2. Another color
3. H atoms
4. O atoms

Hexagonal lattice

Hydrogen bonds

In each water molecule...

Because opposites attract.
1. H2O
   a. The hydrogens
   b. Have a positive charge
   c. The oxygen atom
   d. Has a negative charge

When H2O molecules stick together H to O... the molecules stick...

Natural, six-sided works of art!