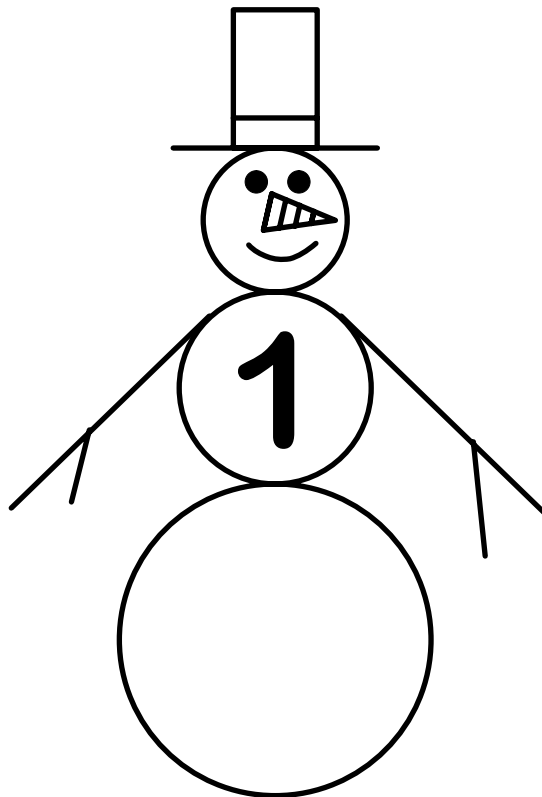
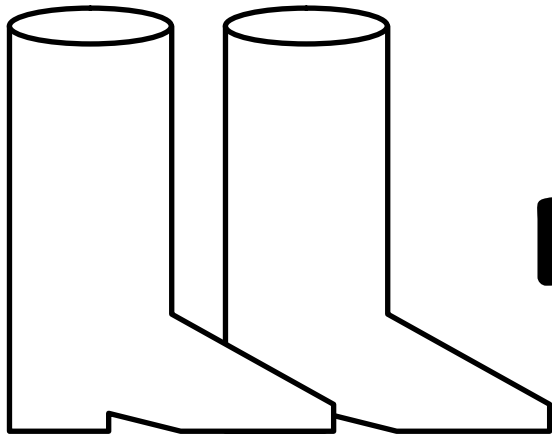


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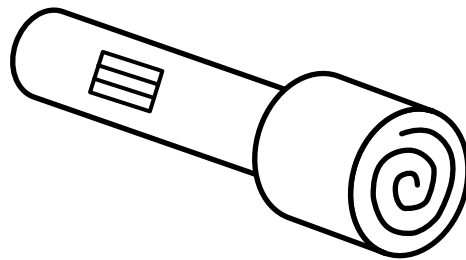
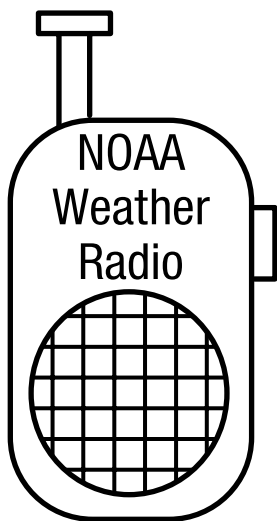
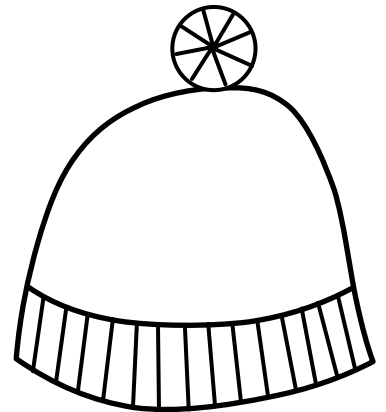
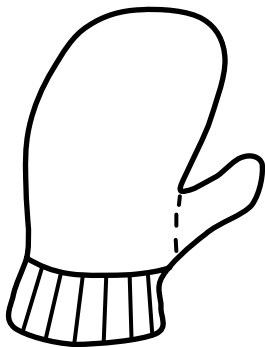
# Billy and Maria Learn About Winter Weather

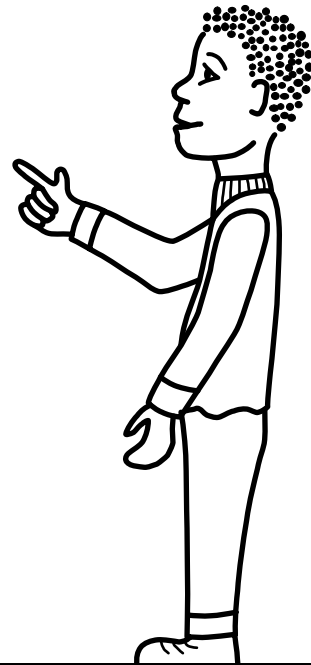
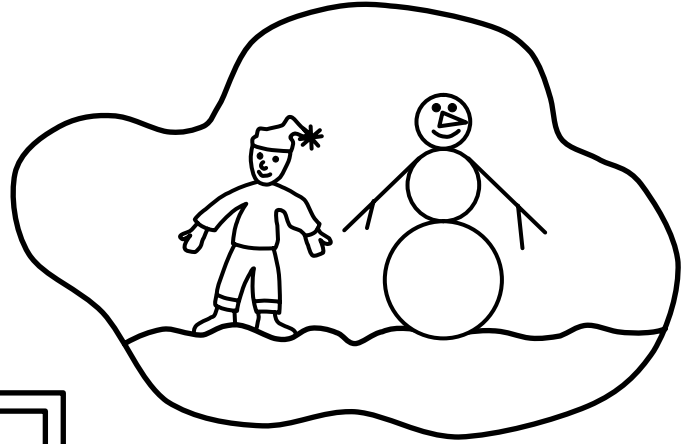
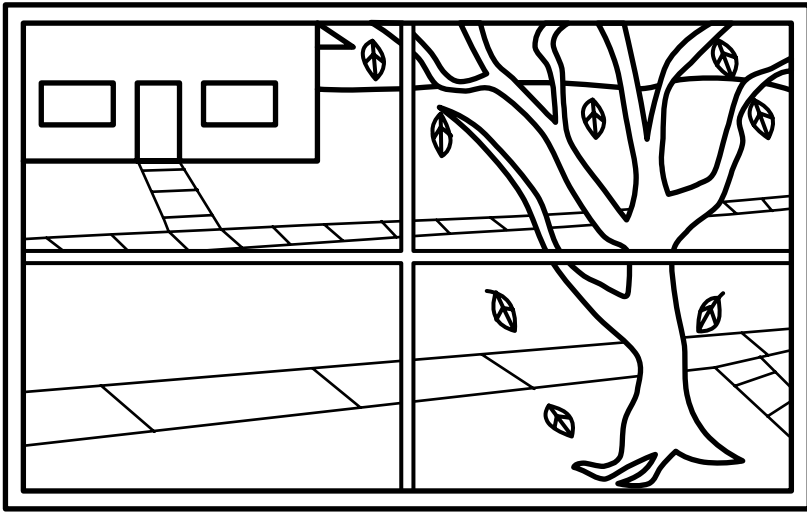
Part 1 of 3



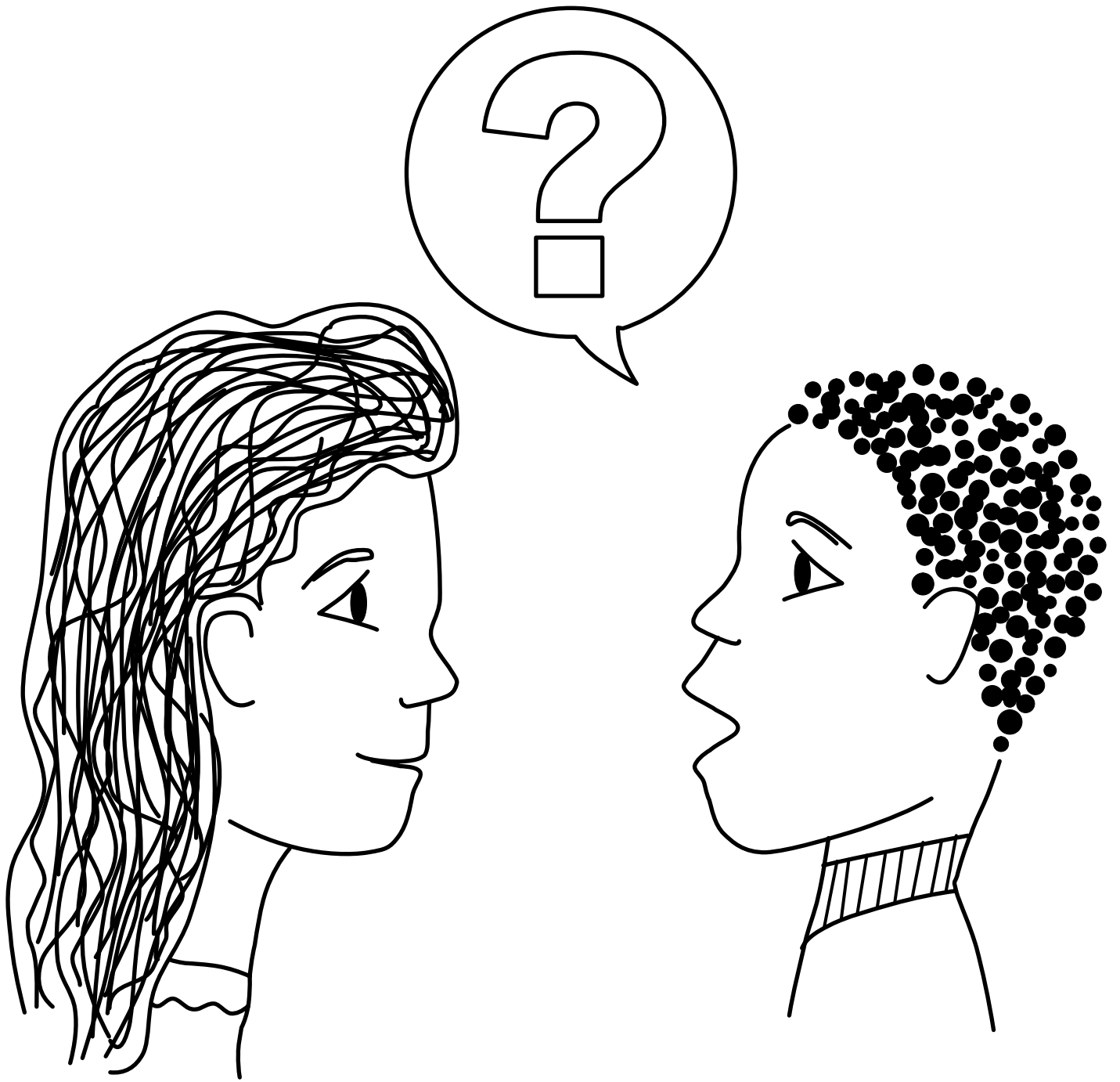


# Billy and Maria Prepare for Winter Weather

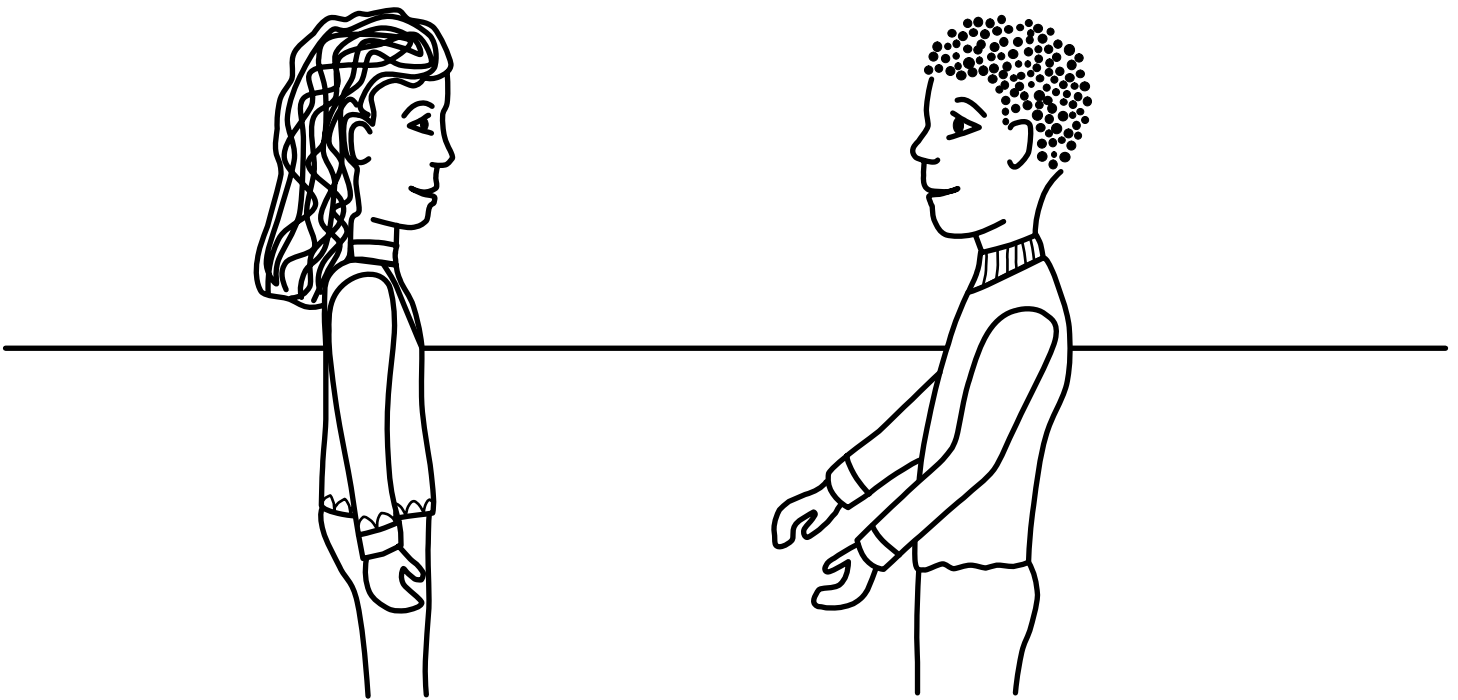
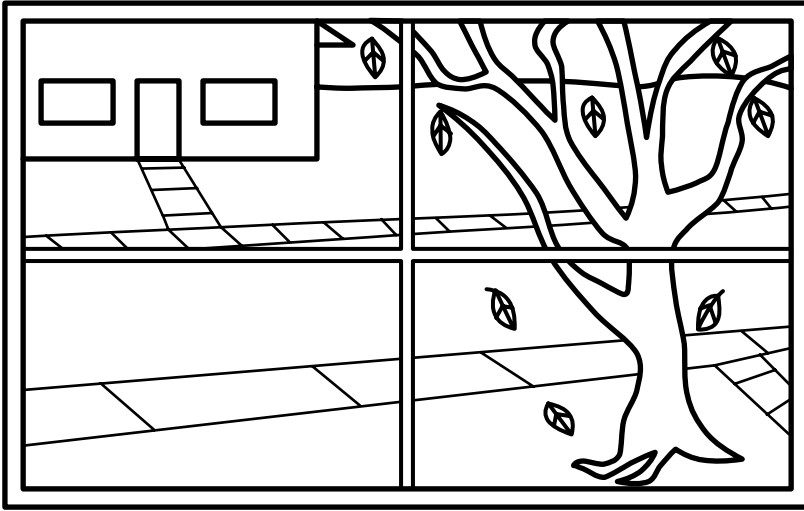




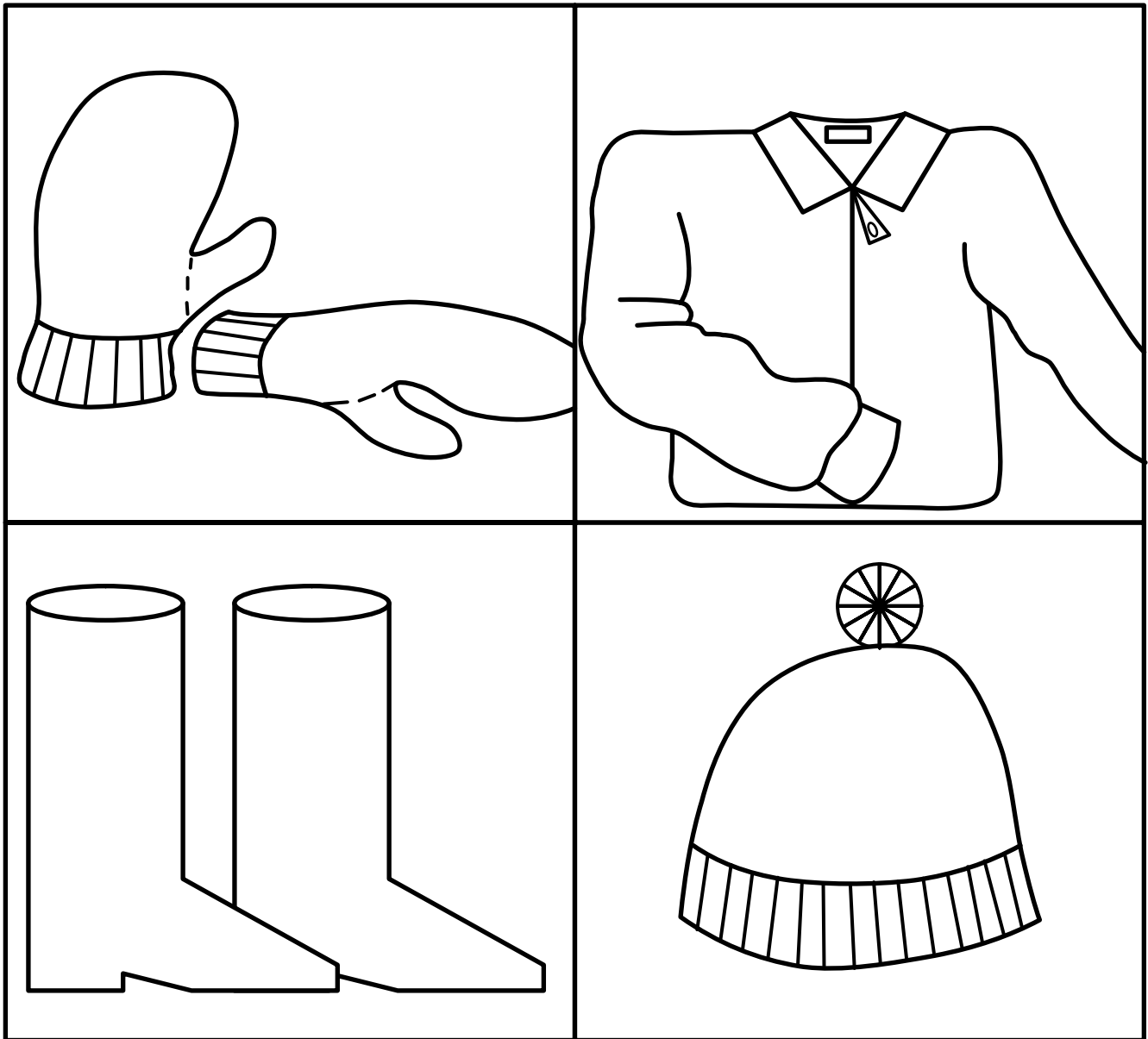
It was October and the weather was starting to turn cold. Billy was day dreaming about building a snowman as he watched leaves fall off the tree outside.



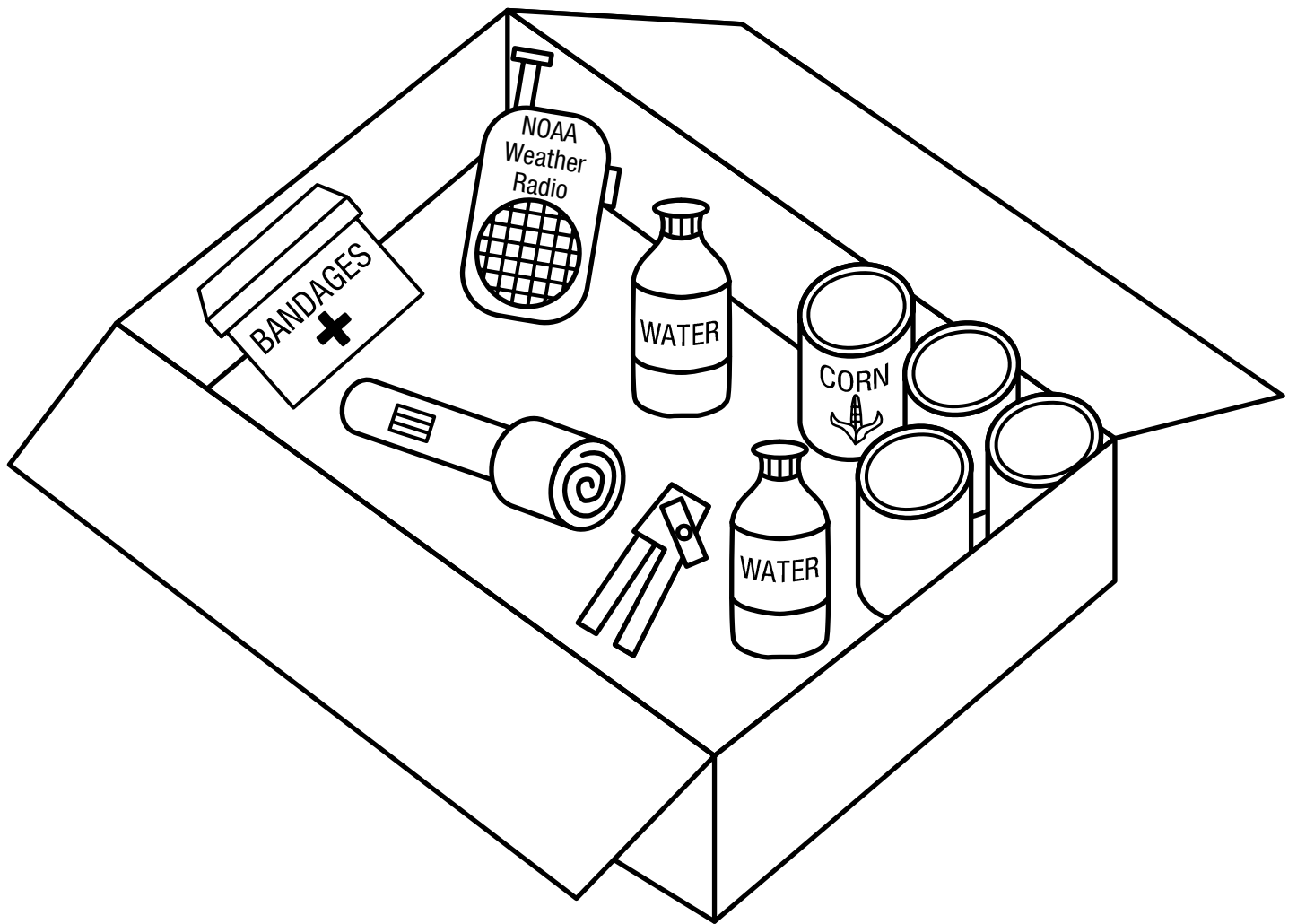
Maria came over to Billy's house. They started talking about snow and ice. "What do we do if there is a winter storm?" asked Billy.



Maria told him that they would need supplies. So, Billy and Maria decided to prepare some supplies in case a winter storm hit their area.



First, Billy and Maria found their winter coats, gloves, hats, and boots. They also got out some long-sleeved shirts and sweaters. When it gets cold, it is best to dress in layers.

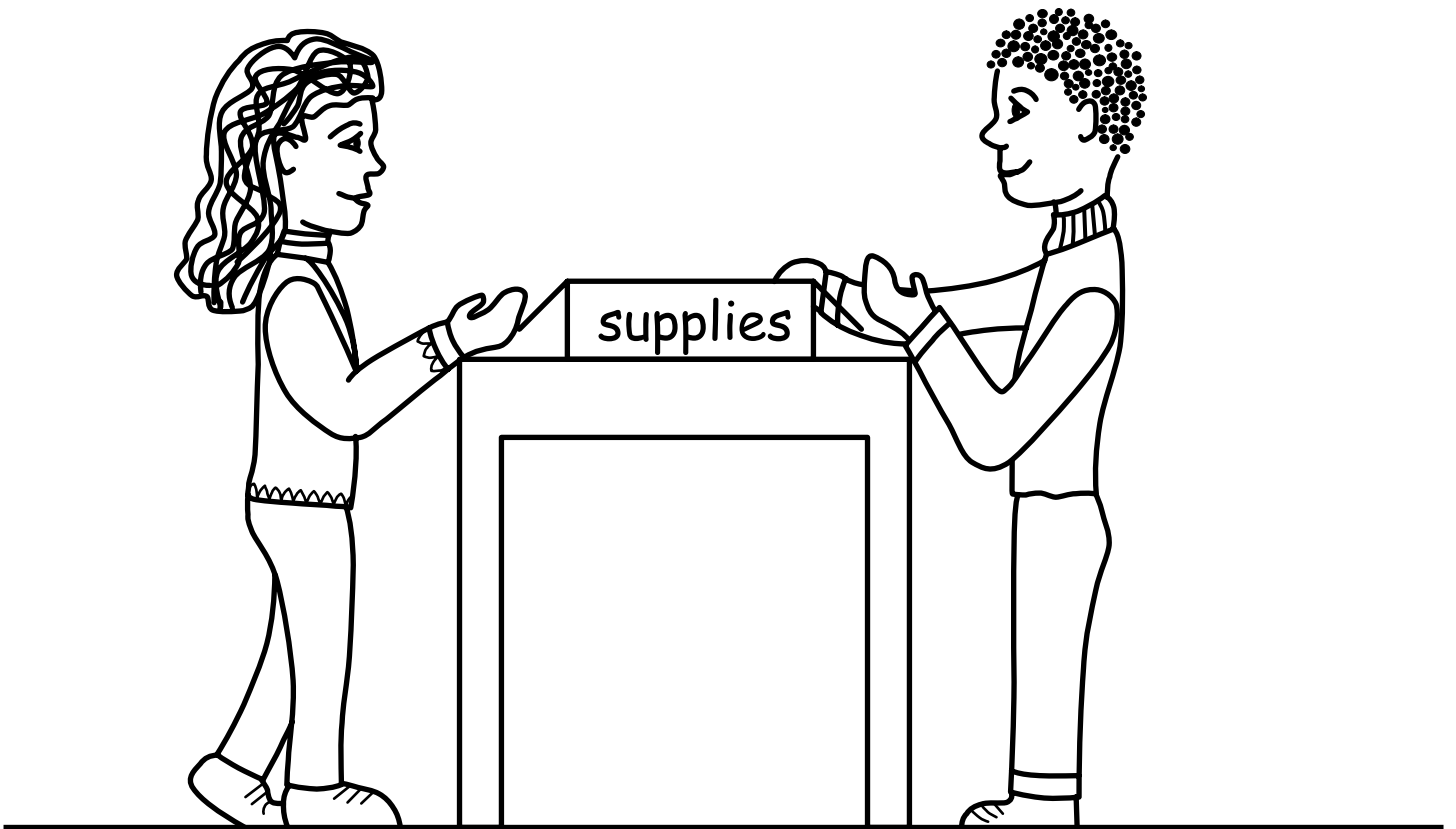


Then, they decided to put together a supplies kit. Inside were bandages and other first aid supplies, a battery-powered NOAA weather radio and a portable radio, There was also a flashlight, canned food, a non-electric can opener, and bottled water.

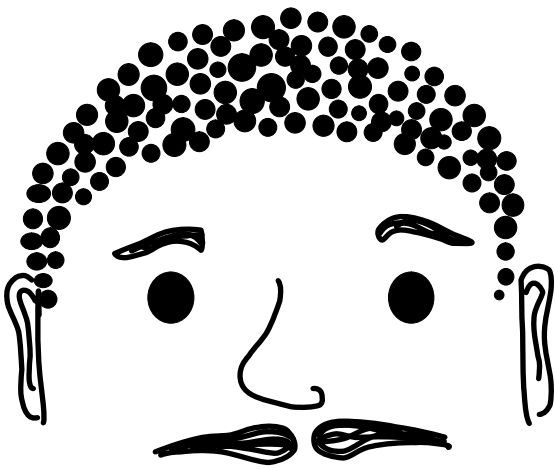
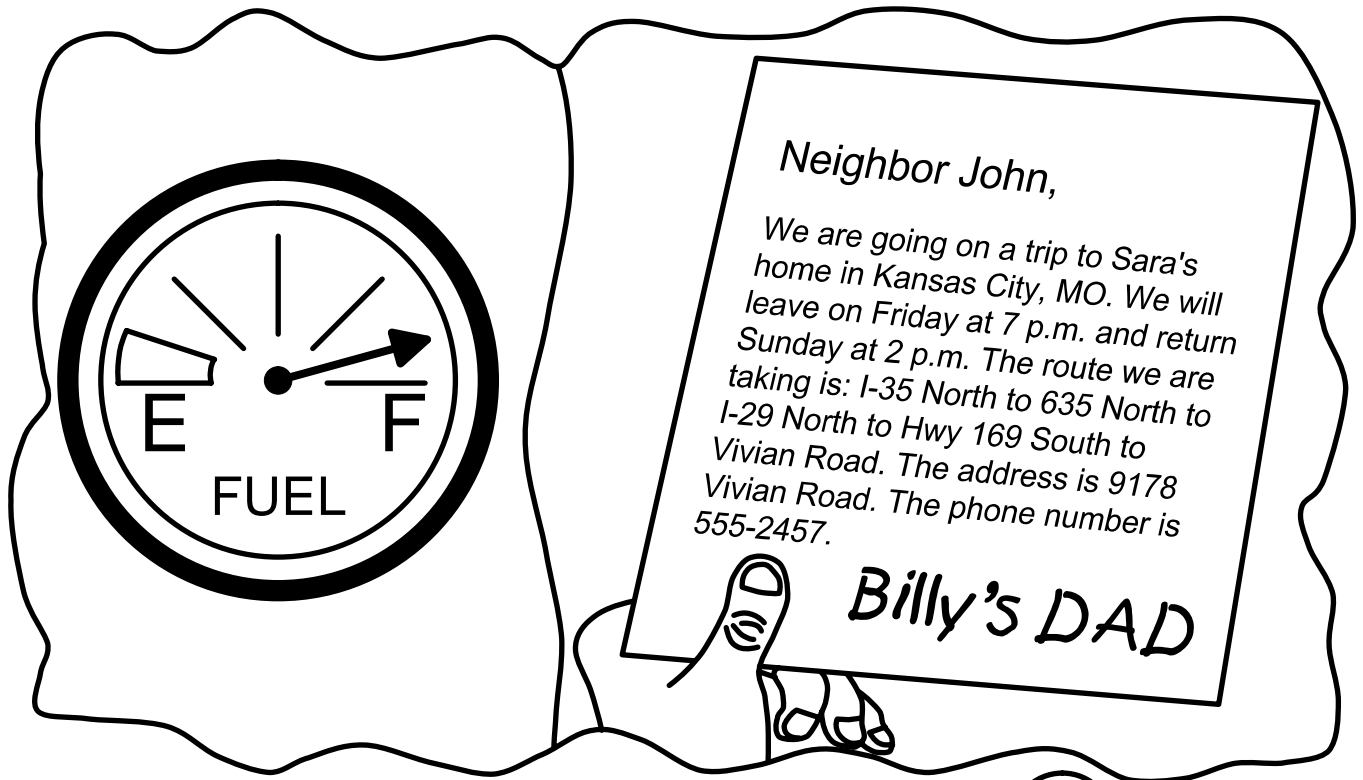


Billy and Maria also made sure there were extra blankets. If there was a bad ice storm or snow storm, the power might go out. Then their houses would get cold. All of these supplies were needed.

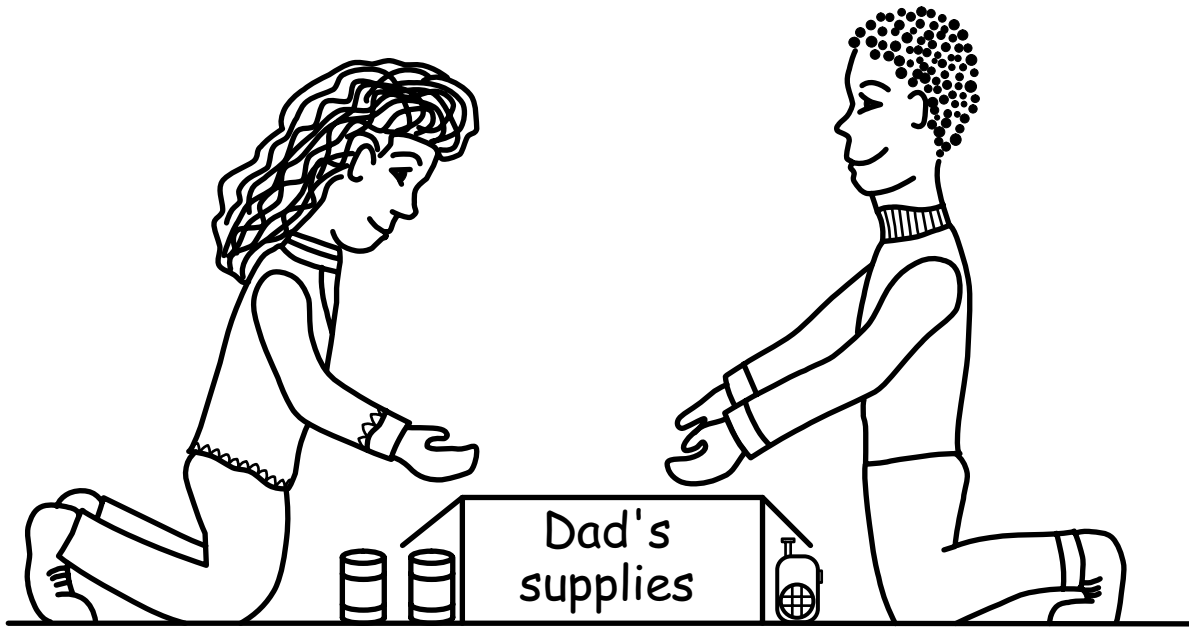
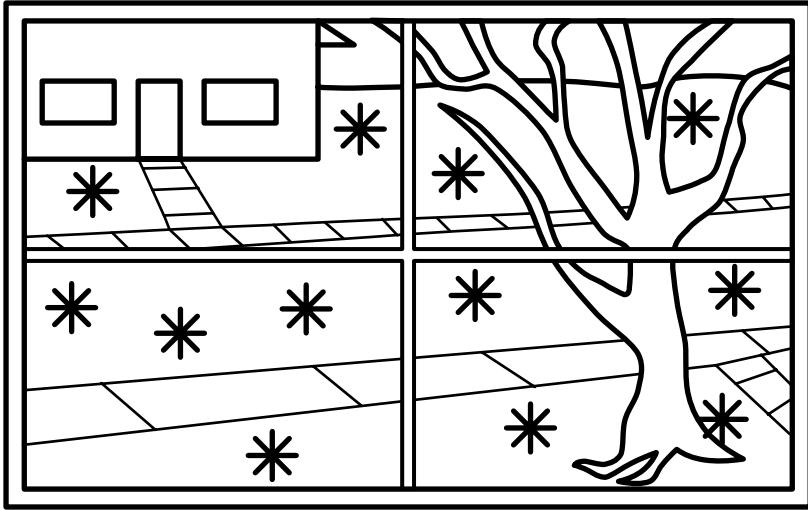




When Billy's dad came home from work, he saw the winter supply kit. He looked at the items in it and said "I am glad you two made this. It is also a good idea for me to have a kit in my car."



Billy's dad told them that people need to get their cars ready for winter. He said that in the winter, you should keep your tank full of gas and let other people know exactly where you are going and how you are getting there.



Billy and Maria were glad they had put together a winter weather supplies kit. Then they began to make a kit for Billy's dad and his car. Maybe soon, they would get some snow.

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The National Oceanic and Atmospheric Administration was established as part of the Department of Commerce on October 3, 1970. NOAA Mission responsibilities are to assess the socioeconomic impact of natural and technological changes in the environment and to monitor and predict the state of the solid Earth, the oceans and their living resources, the atmosphere, and the space environment of the Earth.

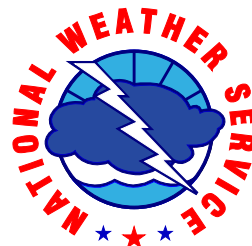
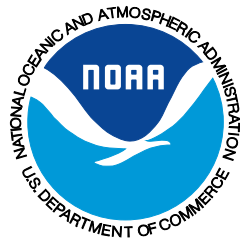
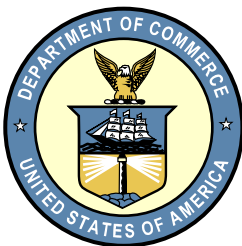
## NATIONAL WEATHER SERVICE

An 1870 act of Congress created the U.S. Weather Bureau under the U.S. Army Signal Corps. Subsequent Congressional action in October 1890 placed the Weather Bureau under the Department of Agriculture. The Weather Bureau was transferred to the Department of Commerce in 1940. In 1965, the Environmental Science Services Administration (ESSA), which included the Weather Bureau, was created under the Department of Commerce. Still operating under ESSA, the Weather Bureau was renamed the National Weather Service in 1967. ESSA became the National Oceanic and Atmospheric Administration in 1970.

" The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information data base which can be used by other governmental agencies and the private sector. "

## NATIONAL SEVERE STORMS LABORATORY

"The National Severe Storms Laboratory, in partnership with the National Weather Service, enhances NOAA's mission through a balanced program of research to advance the understanding of weather processes, research to improve forecasting and warning techniques, development of operational applications, and transfer of understanding, techniques, and applications to the National Weather Service and other public and private sector agencies."



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- 95-08 **Billy and Maria Learn About Winter Weather- Part 3**, by Daphne G. Thompson, DOC, NOAA, NWS Central Region Headquarters, Scientific Services Division, Kansas City, Missouri, August 1995.