

10 Year Flood Probability Instructions

This activity is based on the ProjectWET activity book, Discover the Waters of TN and can be found on pages 10-11. They no longer offer physical copies of the book. We will have a link attached to our website where you can go purchase a PDF copy for \$0.99.

This activity can be done without the book. However, the book offers some fun information for young students. You will need 10 beads of any color you choose. Nine must be the same color with the tenth being different. You will also need a table with rows labeled year one - year ten and columns labeled Flood and No Flood. Have the students pick one bead without looking. If they pick up the bead of the odd color, then that year there was a flood! Place the bead back in the bag and repeat until you have done this 10 times.

You can scale this game up to a 100-year flood probability which is why some of the sheets go to year 30. The chart with the average rain for Nashville is an optional extra activity that our ProjectWET Coordinator would do alongside this activity.