Name: **Date:** **Class:**

Anticipatory Set: What Do You Know About Water, Pollution, & Engineering?

Directions: Before the activity, read each statement carefully. Circle whether you AGREE or DISAGREE with each statement based on what you currently know. After the activity, revisit the statements and circle your new answer.

Before the Activity (Agree / Disagree)	**Statement**	**After the Activity** (Agree / Disagree)
Agree / Disagree	Filters can remove some solid particles from water, but not all dissolved substances.	Agree / Disagree
Agree / Disagree	Acid rain is caused only by natural processes and is not affected by human pollution.	Agree / Disagree
Agree / Disagree	Hard water contains dissolved minerals such as calcium or magnesium.	Agree / Disagree
Agree / Disagree	Pollution in the air can eventually affect water quality through rainfall and runoff.	Agree / Disagree
Agree / Disagree	All water that looks clear is safe to drink.	Agree / Disagree
Agree / Disagree	Engineers design solutions to environmental problems by testing and improving their ideas.	Agree / Disagree
Agree / Disagree	Water filters only work if electricity is used.	Agree / Disagree
Agree / Disagree	Changes in water taste or color can be signs of contamination or chemical reactions.	Agree / Disagree