

Name Model Source(s) # 8-10

**Inquiry Question:** What solutions are there to the water sustainability problem that our world is facing?

## SEARCHING FOR DETAILS

I read the sources closely and mark words and phrases that help me answer my question.

## SELECTING DETAILS

I select words or phrases from my search that I think are the most important for answering my question. I write the reference next to each detail.

**Detail 1** (Ref.: Source 10)

About 25% of pumped water is lost in transit to homes mostly due to leakages and maintenance, according to Asit Biswas of the Third World Centre for Water Management

**Detail 2** (Ref.: Source 9)

The Cuyahoga River was once considered one of the most polluted rivers in the United States — a 1969 *TIME* magazine article dubbed it the river that "oozes rather than flows" after the river literally caught fire from floating debris and oil. But thanks to many years of hard work by a host of agencies, organizations and community members, times have changed.

While the river still needs improvement, today the water is clean, the species are back and the river itself has become a source of social and cultural value for Cleveland residents. And Lake Erie, which the Cuyahoga flows into and was also considered "biologically dead" in the 1960s, now supports the largest fishery of the Great Lakes.

**Detail 3** (Ref.: 8)

20 schools in Kenya received rainwater harvesting systems and local entrepreneurs received training on installing them. These systems allow water to automatically be collected and allow students to stay in school

## ANALYZING AND CONNECTING DETAILS

I re-read parts of the texts and think about the meaning of the details and what they tell me about my question. Then I compare the details and explain the connections I see among them.

**What I think about the details and how I connect them:**

I think that the problem of water scarcity is complex and the solution lies in a truly global response to the problem. This response includes projects like those in Kenya that help communities create a basic water supply system that does not rely on walking for hours to collect water. It also depends on local governments addressing the infrastructure problems like leaky pipes associated with transporting water from reservoirs to homes. States also have to work together to ensure rivers and lakes that flow through many states remain viable sources of water supply for everyone

## MAKING A CLAIM

I state a conclusion I have come to and can support with evidence from the texts after reading them closely.

**My claim that answers my inquiry question:**

Creating world-wide water sustainability will require efforts from individuals, governments from around the world, and continued efforts from organizations dedicated to this cause.