



WaterWorks™

SCHOOL TEST KIT ACTIVITY BOOKLET

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Introduction

The Design of the WaterWorks™ School Test Kit Activity Booklet

Students bring a predictable set of questions to a learning opportunity. An effective learning situation provides clear answers each of these. The activities included in the WaterWorks™ school kit are designed to answer some of these questions.

What do I get to DO?

Often the person doing the WORK is the one that is doing the LEARNING. This hands-on approach to learning is particularly important to elementary and middle school students. WaterWorks™ is designed with clear objectives - what the student will “do,” and activity procedures to help students get to “doing” as quickly as possible.

What HAPPENS when I do this?

Good science involves careful observation and record keeping. WaterWorks™ provides a data collection sheet that teachers can duplicate for classroom use.

What does it MEAN?

“I did. I saw. Now what does it mean?”
WaterWorks™ provides an explanation of words, concepts and basic chemistry to help the learner interpret the results of the activities.

Why should I CARE?

The next step after “What does it mean?” is “What does it mean TO ME?”
WaterWorks™. Activities involve samples available in student’s homes and schools. Background information relates short and long term consequences of the parameters tested.

Now what? What can I DO about it?

“I did. I saw. I understand. Now what do I do with this new knowledge?”
WaterWorks™ suggests extension activities for students who want to DO more, including research opportunities, Internet “field trips”, and community action projects.



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