



Report on Education Strategic Plan

Communications and Legislation Committee

Item 6c

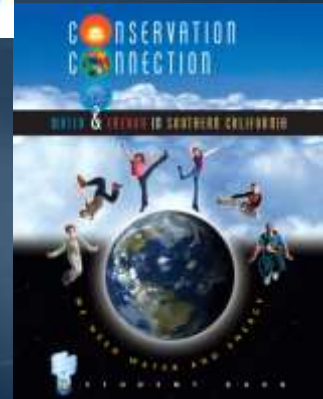
March 9, 2015

Educational Objectives

- To promote conservation behaviors and inform the public by educating the 5 million students and teachers in service area.
- Age appropriate messaging of MWD's mission



Image Ref:
www.kidsgardening.org



MWD Educational Outreach

Teacher Workshops

Student Research & Development

Curriculum Aligned to Standards

Solar Cup

Member Agencies

Community Fairs

World Water Forum

Education Conferences

Student Art Calendar

Diamond Valley Lake

Community Partnering Program

Online Engagement



5 Million

Students & Teachers in MWD Service Area

Working Strategies

- STEAM and interdisciplinary water-based programs
- Collaborate with water, environmental and educational organizations
- Explore new assessment tools for impact evaluation
- Collaborate with Member Agencies

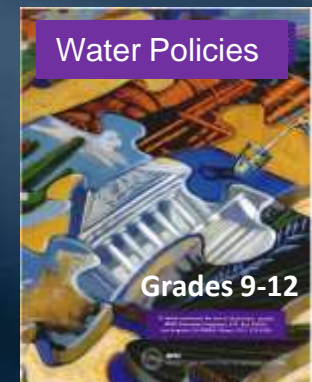
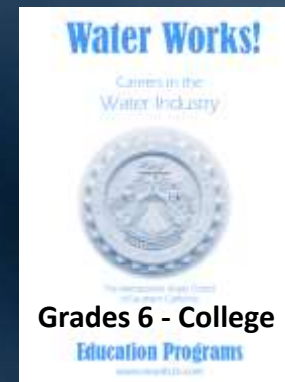
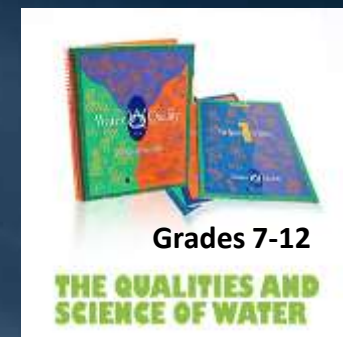
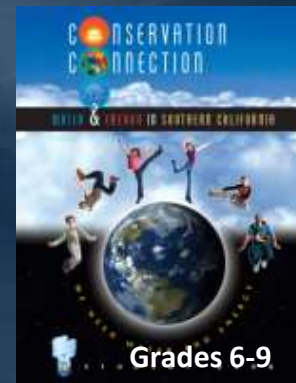
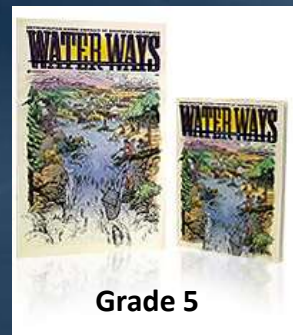
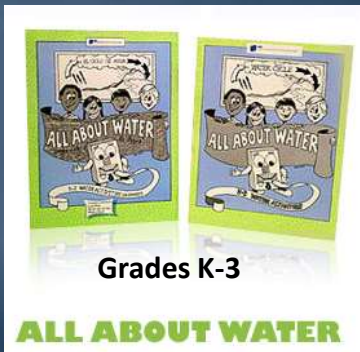


Working Strategies

STEAM and interdisciplinary water programs

Curricular Programs

- Pre K, K-12, after school, camps & college classroom based programs
- Curriculum in alternative media
- Aligned to Standards



Educational Trends

1. Standards:



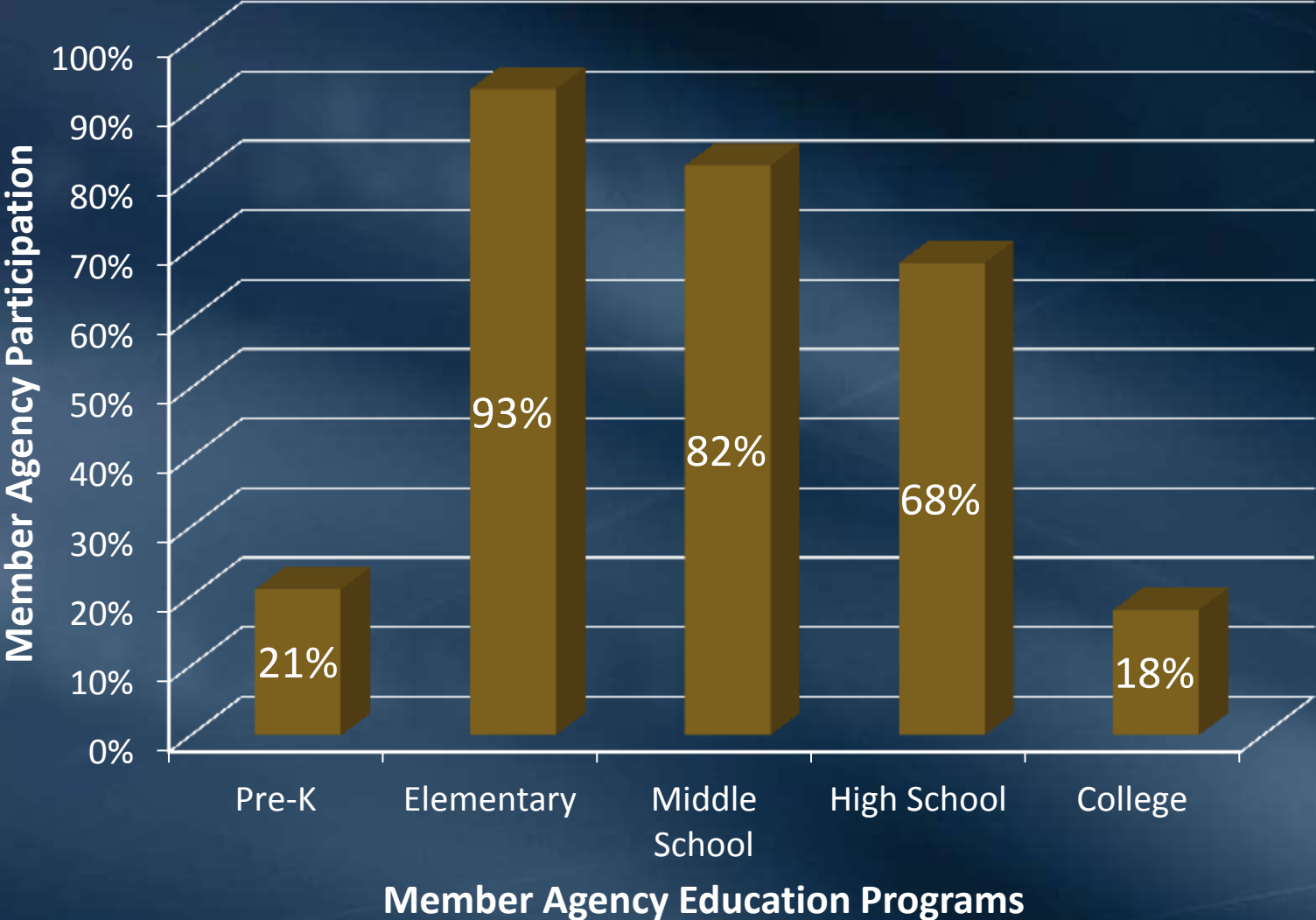
2. Evolution from STEM to **STEAM**

Science-Technology-Engineering-Art-Math

3. Technology in the classroom

4. Engineering = **Opportunity for MWD Education**

Member Agency Survey Findings



Strategic Opportunities

Water Education Collaborations

- Develop mutually beneficial collaborations throughout service area
- Increasing curriculum/program collaboration
- Expanding education outreach to include codependent resources
- Initiating workforce opportunities

Strategic Opportunities

Educational Pipeline to Jobs in the Water Industry

- Communicate with Community and Educational Organizations
- Collaborate with Member Agencies
 - Common workforce issues
 - Job opportunities
- Curriculum and Programs
 - Water Works
 - College Community Service Learning

K – 12, College

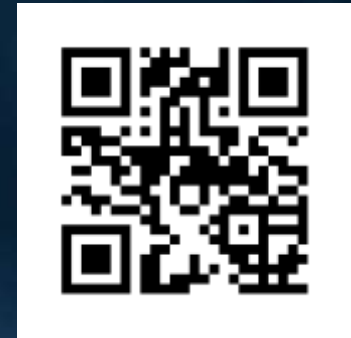


Jobs in the Water Industry

Strategic Opportunities

Explore on-line resources

- Enhanced the MWD Education Webpage
- Push content through social media
- Develop interactive on-line curricular capabilities
- Utilize Water Education Conservation Apps
- Evaluate educational technologies



Summary

- Build on working strategies
 - Member Agency Collaborations
 - STEAM Curriculum
 - Interdisciplinary Water Programs
- Strategic Opportunities
 - Water Education Collaboration
 - Educational Pipeline to Jobs in the Water Industry
 - On-line resources, mobile apps and social media

Next Steps

- Feb - May
 - Complete curricula inventory & review
 - Expand Member Agency Survey
 - Assess regional education gaps & resources
- June
 - Present draft Education Strategic Plan for Board consideration

