



# Report on Education Strategic Plan

Communications and Legislation Committee

Item 6d

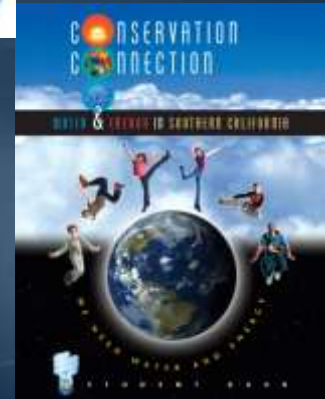
February 9, 2015

# 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](http://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

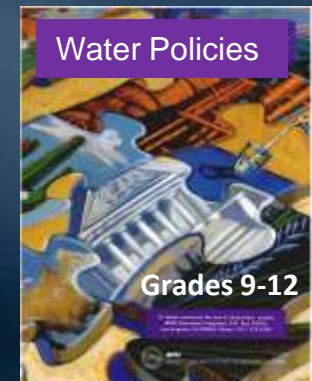
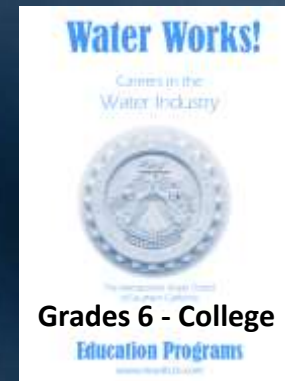
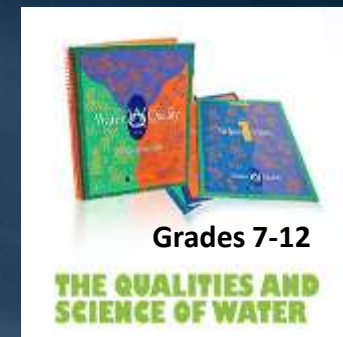
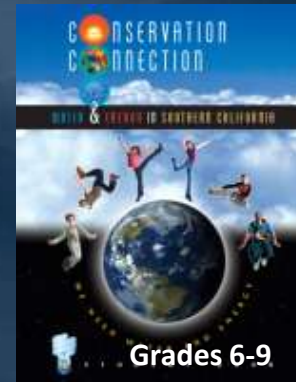
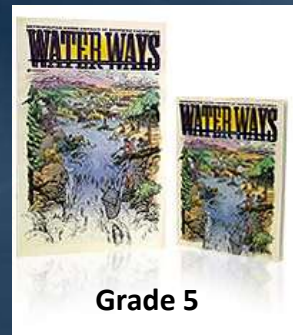
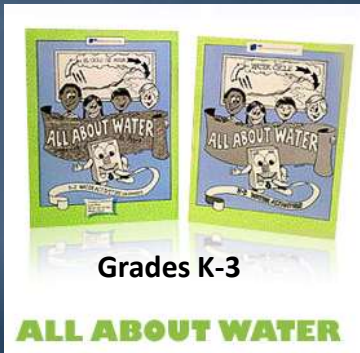


# Working Strategies

## 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:



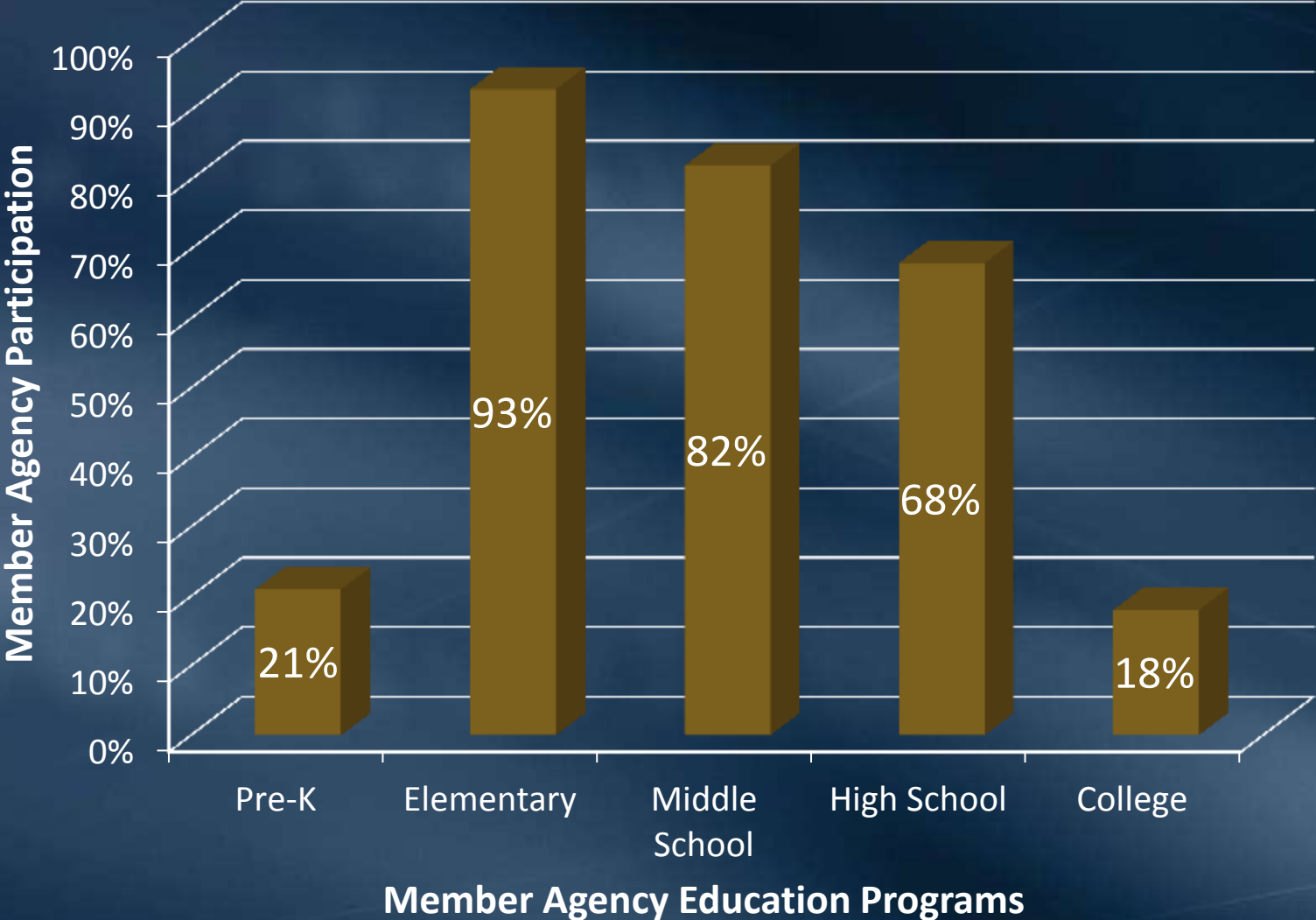
## 2. Evolution from STEM to **STEAM**

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

