

San Tan Charter School: Water World STEM Camp
October 1st, 2nd + 3rd

October 1st, 2014 - Day 1 Intro to H₂O

11:15-11:30am: Students Arrive/Check-In, Individual Play

11:30-12:00pm: Video Properties of Water (TBD)

12:00-12:30pm: Sink or Float Activity

12:30-1:00pm: Recess/Sports time (depending on equipment)

1:00-1:45pm: Paper Bag Challenge-Float Your Boat

1:45-2:00pm: Watch real-lifeboat engineering

2:00-2:30pm: Individual Reading/Quiet time (depending on ages)

2:30-3:00pm: Water Coloring Craft - Water Color w/Crayon

3:00-3:15pm: Video Intro to Water Tension

3:15-3:45pm: Individual Penny dropper activity

3:45-4:15pm: Water-Molecule Inspired Snack

4:15-4:35pm: Recess/Sports time

4:35-5:00pm:

5:00-5:45pm: Game Time or Free Time (depending on number of kids still there)

October 2nd, 2014 - Day 2 Water In Nature

11:15-11:30am: Students Arrive/Check-In, Individual Play

11:30-12:00pm: Water Ecology Bill Nye or Water Cycle(TBD)

12:00-12:30pm: Water Erosion Activity

12:30-1:00pm: Recess/Sports time (depending on equipment)

1:00-1:45pm: Paper Bag Challenge- Oil Spill Clean-Up

1:45-2:00pm: Watch Oil Spill Clean-Up Video

2:00-2:30pm: Individual Reading/Quiet time (depending on ages)

2:30-3:00pm: Water Craft - Rubbing Alcohol with Water Colors

3:00-3:15pm: Video Intro to Water Filtration

3:15-3:45pm: Partner Filtration activity + Worksheet

3:45-4:15pm: Water Inspired Snack (TBD)

4:15-4:35pm: Recess/Sports time

4:35-5:00pm:

5:00-5:45pm: Game Time or Free Time (depending on number of kids still there)

October 3rd, 2014 - Day 3 Water for Civilization

11:15-11:30am: Students Arrive/Check-In, Individual Play

11:30-12:00pm: Water Used for Power Video

12:00-12:30pm: Make Own Water Wheel (w/styrofoam plates)

12:30-1:00pm: Recess/Sports time (depending on equipment)

1:00-1:45pm: Paper Bag Challenge- Water Transportation/Pipeline System

1:45-2:00pm: Watch Water Transportation/Aqueducts video

2:00-2:30pm: Individual Reading/Quiet time (depending on ages)

2:30-3:00pm: Water Craft - Marbleized Paper with Oil and Water Colors

3:00-3:15pm: Video Intro to How Dams Work

3:15-3:45pm: Partner Dam Activity

3:45-4:15pm: Water Inspired Snack (TBD)

4:15-4:35pm: Recess/Sports time

4:35-5:00pm:

5:00-5:45pm: Game Time or Free Time (depending on number of kids still there)