



MSR ONLINE STEM PROGRAM



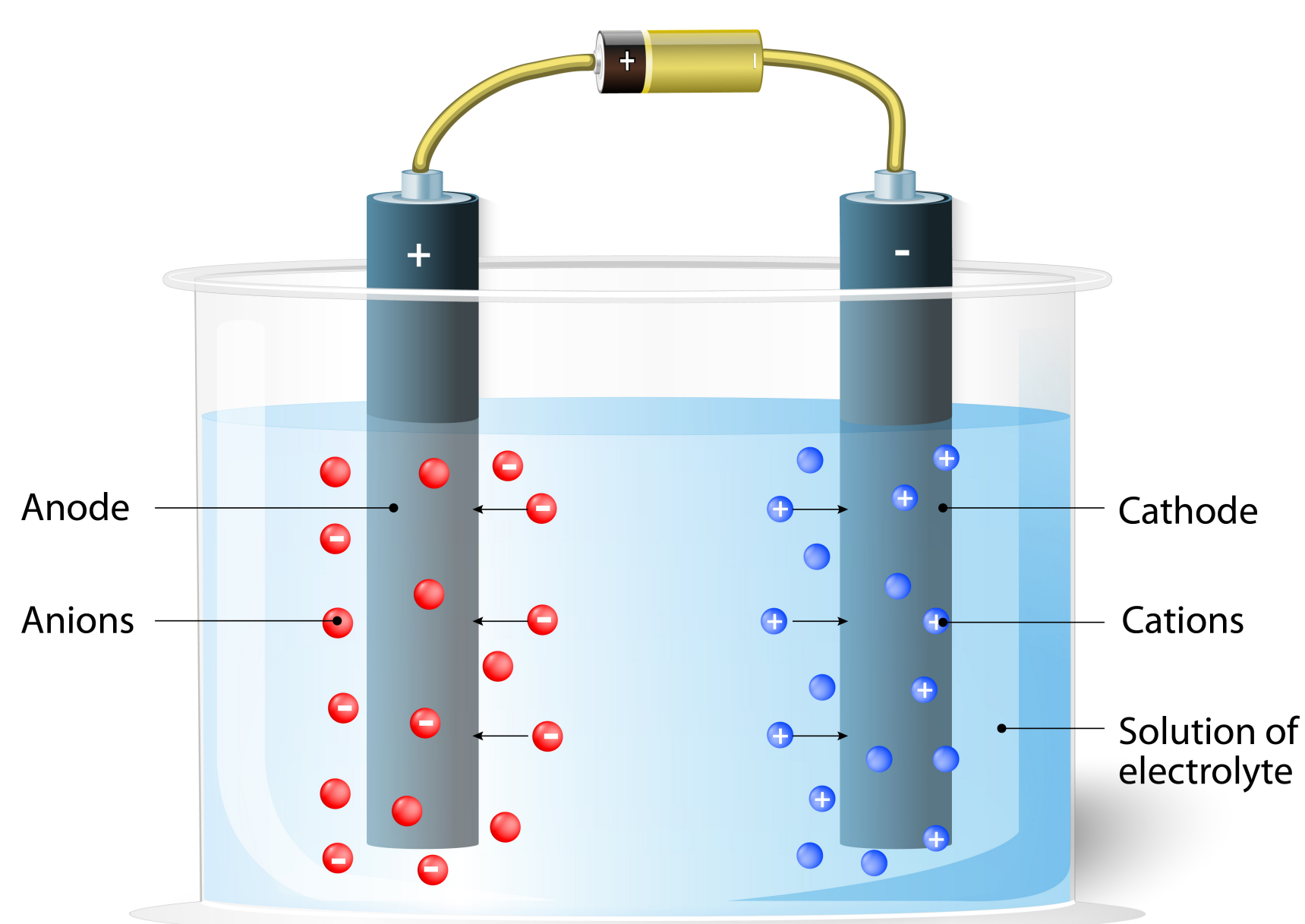
CLEAN WATER, ANYWHERE

MSR Global Health focuses on developing technologies that increase access to vital needs such as clean water and reliable shelter.

In 2015, MSR unveiled the SE200™ Community Chlorine Maker. This revolutionary device uses salt, water, and electricity to create chlorine that can be used to purify up to 200L of water.

MORE THAN JUST A DEVICE

Utilizing the science behind the SE200™, MSR developed STEM course content aimed towards high school students and teachers. The problem for MSR was how to distribute their new STEM courses.



BRIDGING THE GAP

We've developed an online learning platform that integrates into the MSR Global Health website and their existing technologies. This platform allows individuals to easily browse and engage with MSR's STEM curriculum, either online or in the classroom.

Chemistry

Learn about the structure and properties of the atoms and elements that make up our universe through the SE200!
Intended grade level: 10-11

Teaching Documents

Earth Sciences

Delve deep into the wonders of our home planet that we call Earth. Discover ways to purify water using the SE200.
Intended grade level: 9

Teaching Documents

VIDEO

ACTIVITY

What is the challenge or problem identified by the CEO?

- Creating a successful company
- Marketing a new outdoor tent line
- Prevention of water-borne illnesses
- Discovering new ways to cure cancer

LESSONS NEXT

Files	Categories
chem_student_lesson_1	Chemistry, Lesson 1
chem_ppt_cao_lesson_1	Chemistry, Lesson 1
chem_ppt_disc_lesson_1	Chemistry, Lesson 1
chem_ppt_research_lesson_1	Chemistry, Lesson 1
chem_ppt_class_lesson_1	Chemistry, Lesson 1
chem_research_script_lesson_1	Chemistry, Lesson 1
chem_teacher_prep_lesson_1	Chemistry, Lesson 1
chem_teacher_solutions_lesson_1	Chemistry, Lesson 1
chem_student_lesson_2	Chemistry, Lesson 2
chem_teacher_prep_lesson_2	Chemistry, Lesson 2
chem_teacher_solutions_lesson_2	Chemistry, Lesson 2
chem_student_lesson_3	Chemistry, Lesson 3
chem_ppt_review_disc_lesson_3	Chemistry, Lesson 3
chem_teacher_prep_lesson_3	Chemistry, Lesson 3
chem_teacher_solutions_lesson_3	Chemistry, Lesson 3
chem_student_lesson_4	Chemistry, Lesson 4
chem_ppt_class_lesson_4	Chemistry, Lesson 4
chem_teacher_prep_lesson_4	Chemistry, Lesson 4
chem_teacher_solutions_lesson_4	Chemistry, Lesson 4
chem_student_lesson_5	Chemistry, Lesson 5

1 2 3 NEXT

Courses organized by lesson for students to jump straight into

Each lesson contains interactive quizzes to engage students

Teachers can access all of the curriculum to teach the material in the classroom