



# Bay Area SCIENCE FESTIVAL

Presented by:



Human Energy™



## Discovery Days at AT&T Park Highlighted Events for School Groups

Below are descriptions of selected areas of the Discovery Days at AT&T Park including a recommended order in which to visit, and minimum recommended time for each area. Enjoy the richness of these events!

### 1. Chevron Exploration Village (30 min):

The Chevron Exploration Village is where science, technology, engineering and math come alive! Come inside and experience fun, interactive science activities. Visit an inflatable planetarium, make and take away a mini kite, meet "Chompy" the robot, try out the science of baseball in our pitching booth, train as an astronaut, pick up a science kit. There's a lot to see and do!

All activities are provided by non-profit organizations who are experts in sparking curiosity and enthusiasm for science. Chevron works in partnership with these and other non-profits across the Bay Area and California to bring innovative, exciting approaches to science, technology, engineering and math learning to California's public schools.

Activities include: an astronomy "bonanza" and tour of the night sky, viewing cells in motion with the Fletcher lab in conjunction with SF Friends School, "Sand on Stage" presented by MARE from the Lawrence Hall of Science, you can train like an astronaut with the Chabot Space and Science Center, and learn about "itty bitty flight" with Techbridge.

### 2. BayBio Alley/UCSF–Life Sciences Areas (30 min):

Two areas of the ball field are filled with dozens of life science activities for all ages. BayBio Alley offers interactive biotech activities that give an idea of the cutting edge concepts and techniques used by Bay Area Biotechnology companies including Abbott Laboratories and Onyx Pharmaceuticals. UCSF's volunteers will guide you in interactive hands-on activities that will illuminate the life sciences and spark your wonder. Explore the biology of humans, plants, viruses and microbes, and even synthetic biology and forensics! (17 activities)

### 3. Abbott Trailer (20 min):

You will get to enter a special vehicle on the grounds of the park and will experience an array of medical innovations and devices that tackle many health problems and improve our lives. Experience short, live demonstrations of diagnostic health care equipment and the chance to interact directly with Abbott equipment technicians.

\* Interactive shows take place in the trailer every 15 minutes

### 4. Scoreboard Plaza, ACS/Stanford/Berkeley (30 min):

Three different institutions present together some of the most important issues in biology, chemistry and earth science that we encounter every day! Explore this collection of phenomena from the very tiny (nanoscience, DNA from cells) to the huge (solar energy, earthquakes, extraterrestrial intelligence) through fun hands-on activities.

### 5. Club Level (30 min):

Science is beautiful! See how art, creativity, math, and science combine the myriad of activities here. Explore many tools of discovery: geology and paleontology can "unearth" some surprises; see the universe in an inflatable planetarium, CO<sub>2</sub> in a soap bubble, the smallest of worlds with a microscope, and evidence for climate change! Get to know some new insects, pests, sharks, and other creatures, and see student-made robots in action.

(36 activities)

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### Special Area for Young Scientists, presented by Agilent Technologies

An area specially suited for very young children (aged 6 and under, with their caregivers) organized by the Children's Discovery Museum of San Jose, the Kids' Zone creates a safe child-friendly space for exploration and discovery of science all around us.

\* Under 6 years of age, accompanied by caregiver

Organized by:

