

## SAINTS GLOBAL MEMBER

NAME: \_\_\_\_\_

BATTALION: \_\_\_\_\_

TROOP: \_\_\_\_\_

## SKILL BADGE ADVISOR

NAME: \_\_\_\_\_

EMAIL: \_\_\_\_\_

PHONE: \_\_\_\_\_

**STEP 1 | DISCOVER**

INITIALS

- a) Explain what environmental science means in your own words and how science can be used to understand, conserve, and improve the environment. \_\_\_\_\_
- b) Observe an approved ecosystem over two days, noting living, nonliving, and formerly living components and their interactions, including human impact. \_\_\_\_\_

**STEP 2 | PLAN**

INITIALS

- a) Investigate a local water source, how it is treated and disposed, and review a community water quality report. \_\_\_\_\_
- b) Research air pollution impacts by either comparing transportation modes or studying the Clean Air Act and its outcomes. \_\_\_\_\_

**STEP 3 | ACT**

INITIALS

- a) Research and present on a rare, threatened, or recovered species, including habitat, status, and conservation efforts. \_\_\_\_\_
- a.1) Prepare a 100-word written report \_\_\_\_\_
- a.2) Include a drawing or photo \_\_\_\_\_
- a.3) Present findings to a group \_\_\_\_\_
- a.4) Explain why conservation actions matter \_\_\_\_\_

- b) Complete one hands-on conservation or pollution-prevention activity such as resource conservation, recycling documentation, hazardous waste identification, or pollination study. \_\_\_\_\_
  - b.1) Choose one approved option \_\_\_\_\_
  - b.2) Collect evidence or observations \_\_\_\_\_
  - b.3) Explain environmental benefit \_\_\_\_\_
  - b.4) Discuss possible improvements \_\_\_\_\_
- c) Investigate two invasive species in your area, explaining origin, spread, impact, and control methods. \_\_\_\_\_
- d) Conduct an experiment to test for particulate matter (PM) contributing to air pollution and explain findings. \_\_\_\_\_
- e) Evaluate the environmental impacts of a proposed construction project, including purpose, alternatives, and consequences. \_\_\_\_\_

**STEP 4 | REFLECT**

INITIALS

- a) Identify three environmental or earth science careers and explain the training and preparation for one. \_\_\_\_\_

*Continue to next page for certification signature*

**END OF REQUIREMENTS**

**BY SIGNING BELOW, I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT ALL REQUIREMENTS WERE MET AT OR ABOVE THE REQUIRED STANDARDS AS OUTLINED IN THE BADGE REQUIREMENTS CHECKLIST.**

\_\_\_\_\_  
SKILL BADGE ADVISOR

\_\_\_\_\_  
DATE (YYYY-MM-DD)