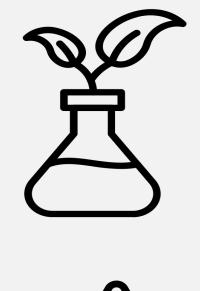


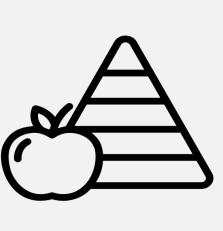
Victoria George, Joshua Montano, Jam Navarro, and Cameron Lee Faculty Advisor: Alissa Burkholder Murphy Community Partners: Anne Rosenthal, Laura Menyuk, Laura Genello

DESIGN CHALLENGE

1 In food at home

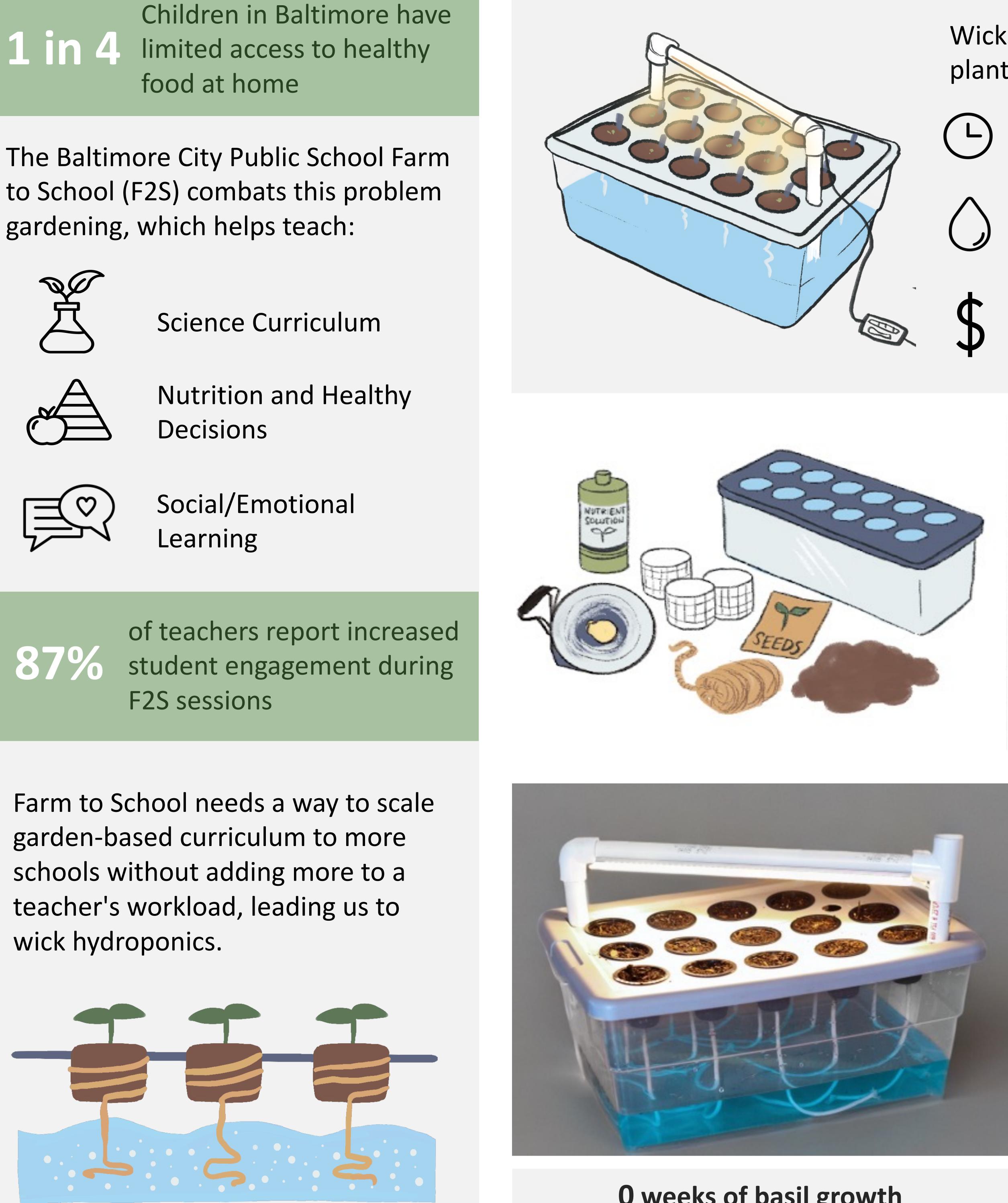
gardening, which helps teach:











Upward Growth: Engineering Interactive Indoor Plant Systems in Baltimore Public Schools

SOLUTION: Tabletop Wick Hydroponics Unit

0 weeks of basil growth

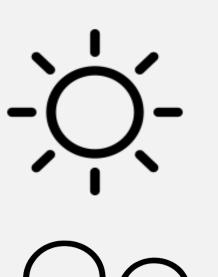
Wicks draw water and nutrients to the root of the plants through capillary action.



20 min setup

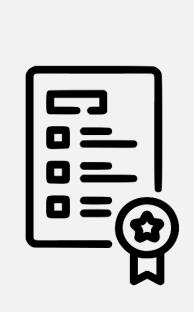


water changed 1x every 2 weeks

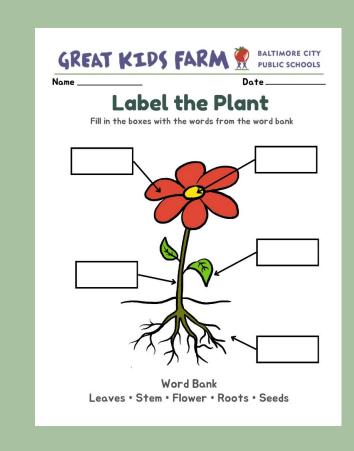




\$30 per unit

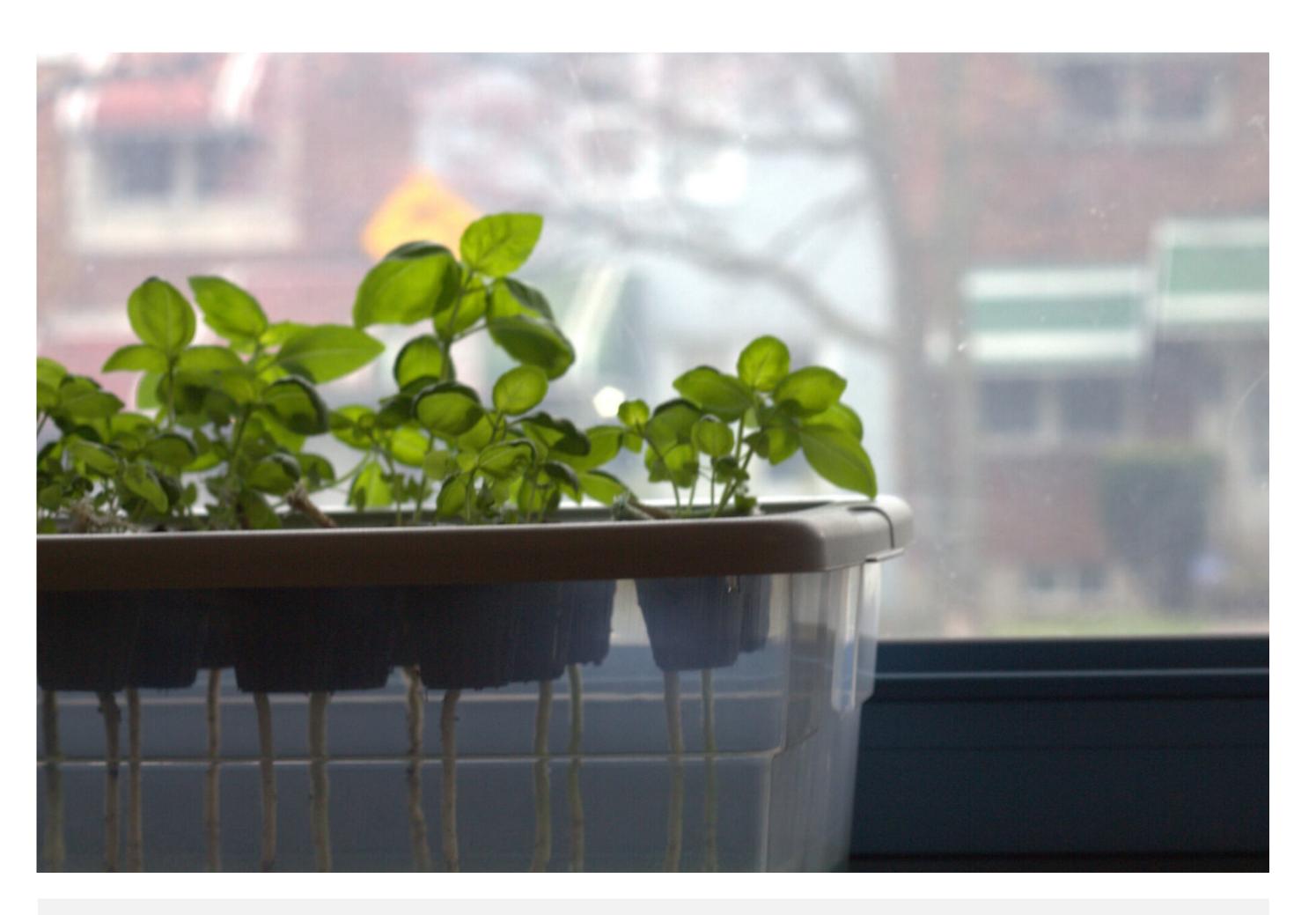


Supporting Curriculum Activities align with BCPS Next Generation Science Standards to support engagement





Which pot(s) are you observing? Do the pot(s) have higher or lower



4 weeks of basil growth

CENTER FOR LEADERSHIP EDUCATION

