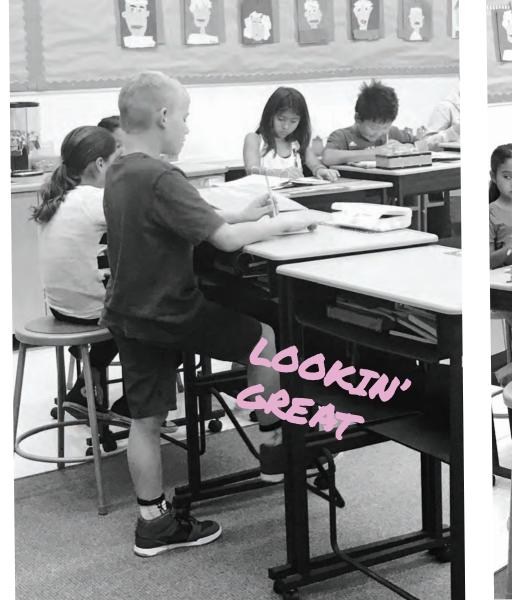
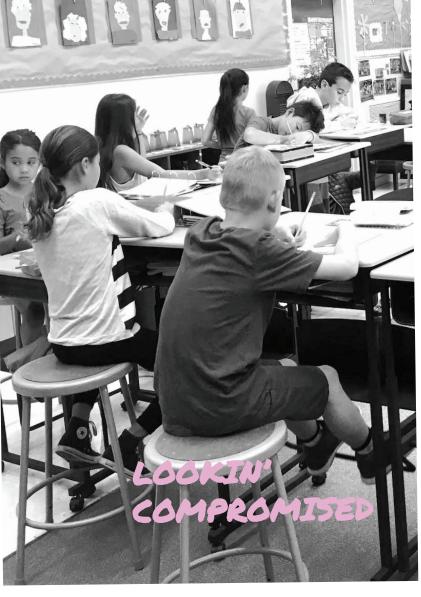
Vallecito Elementary in San Rafael, CA has recently implemented standing desks in their in classrooms collaboration with the organization StandUp Kids. This is progressive and nearly unprecedented as of 2016, so we were eager to affirm or improve upon this early iteration of a standing desk classroom. the observing After conducting classroom, and reading interviews, literature, we relevant following the propose revisions.

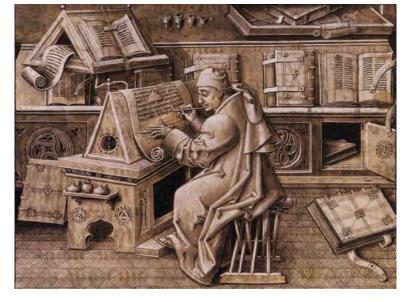






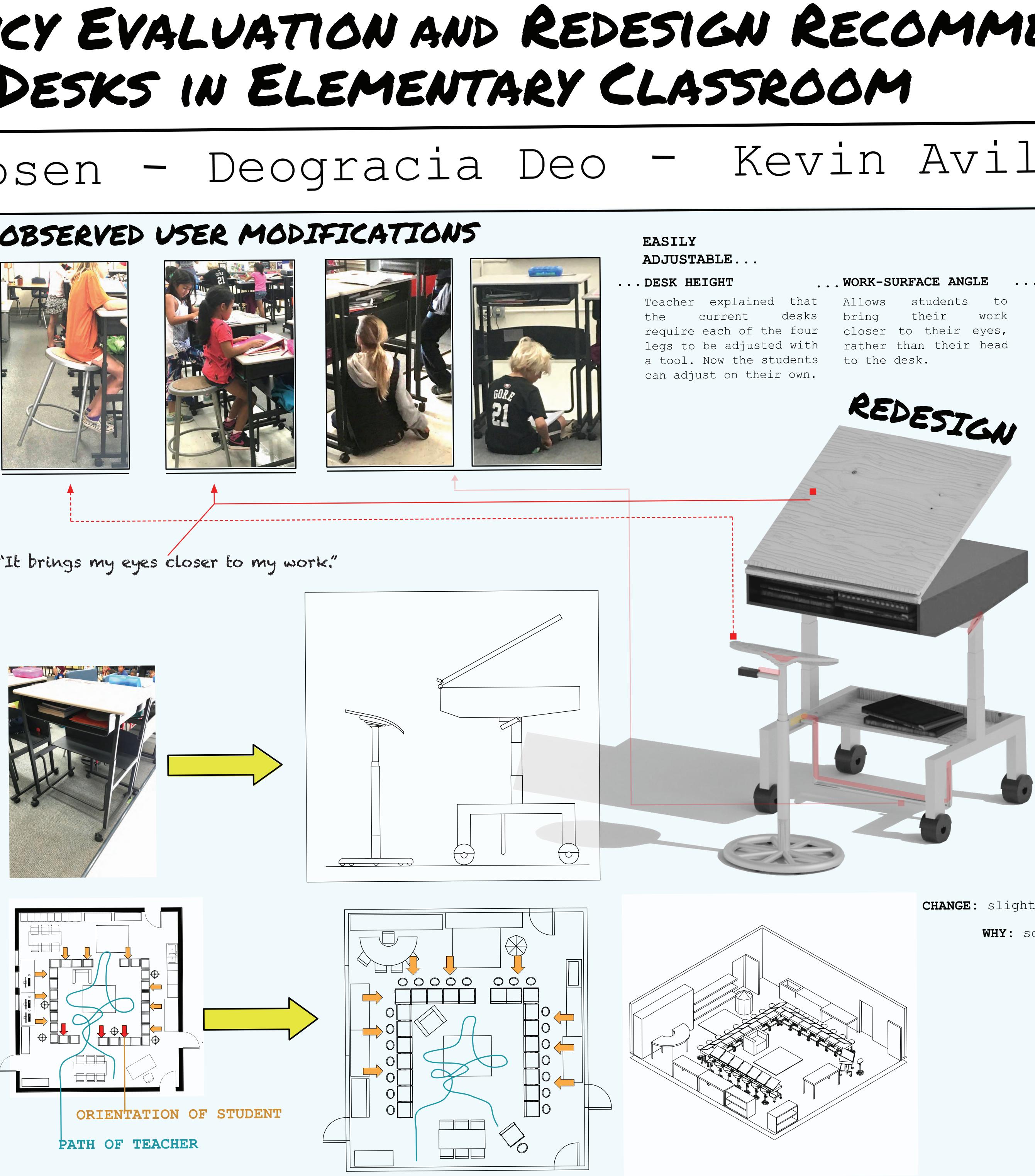


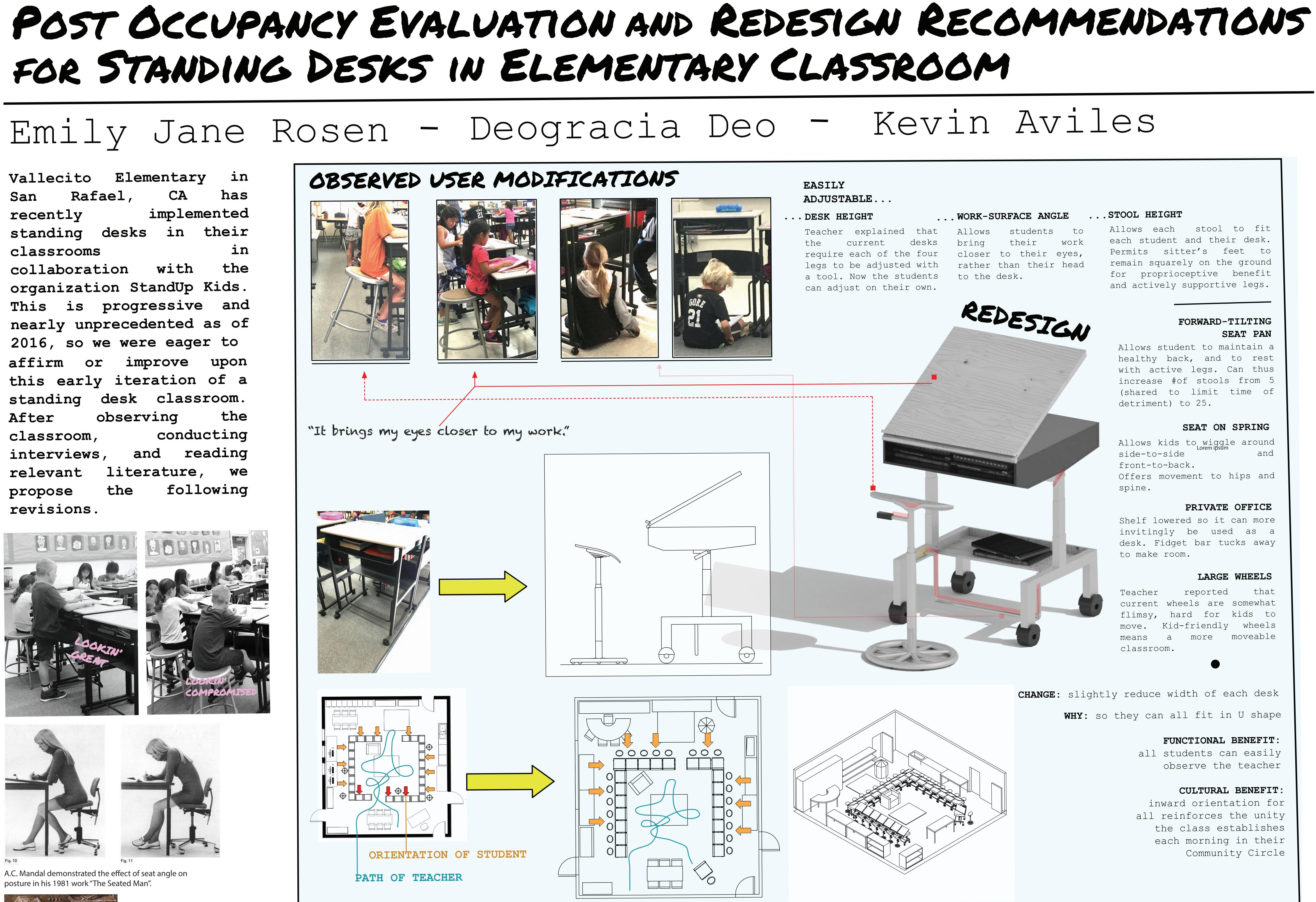
A.C. Mandal demonstrated the effect of seat angle on posture in his 1981 work "The Seated Man".



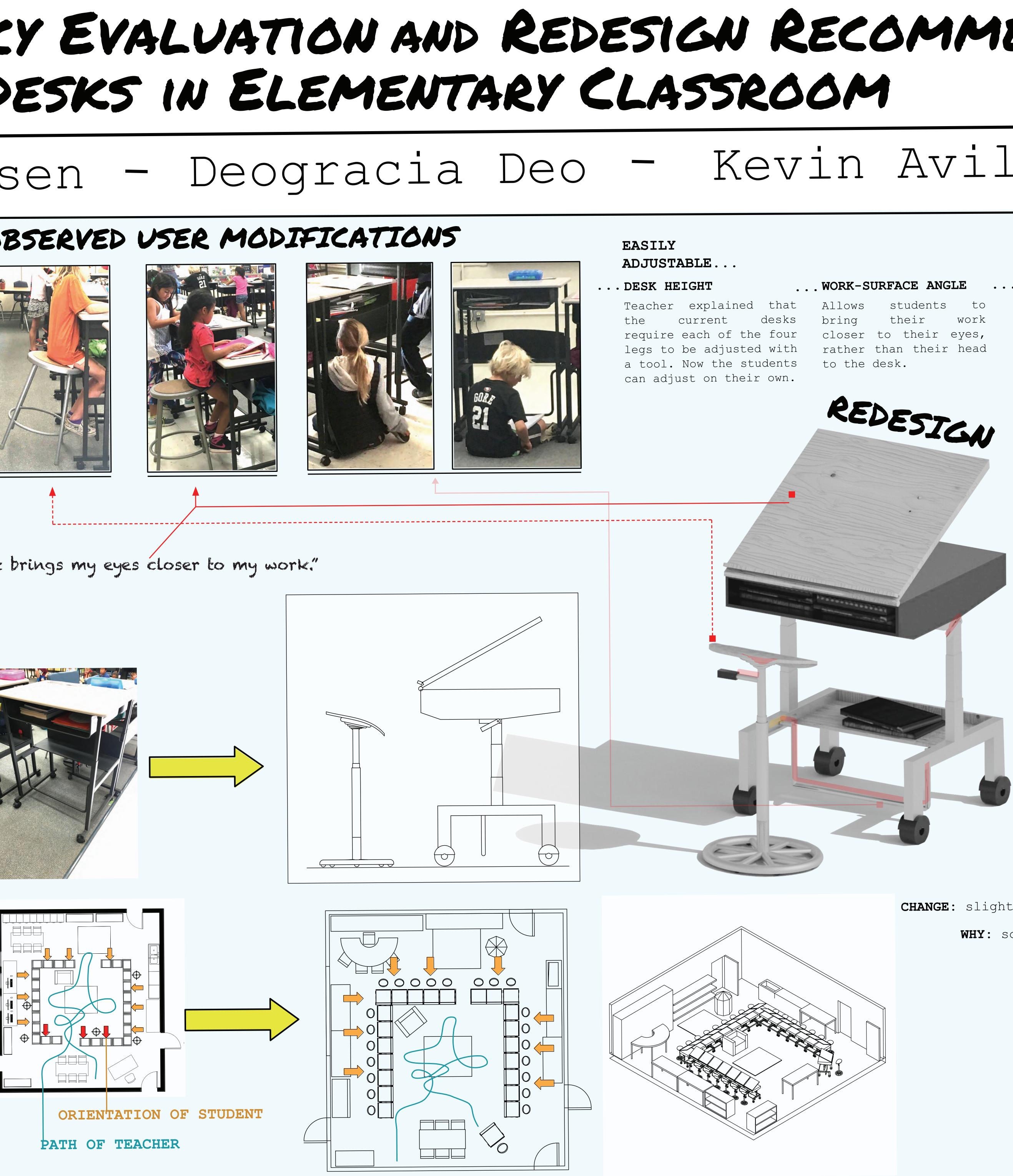
Medieval scribes were on to something...

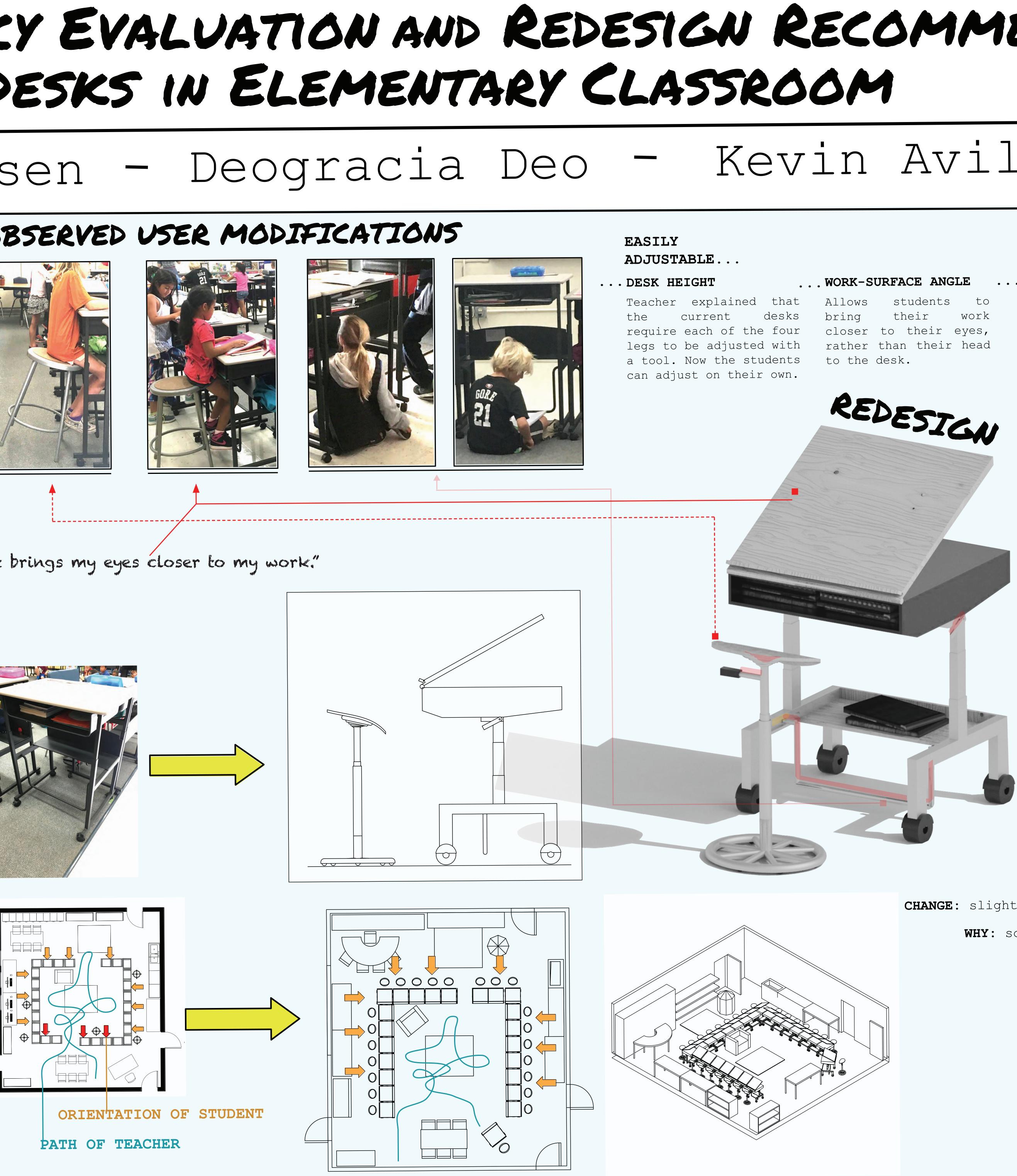












# Forward-slanting encourage lumbar lordosis (healthy curve of low back) and decrease thoracic

seat

pans

Upward-slanting writing surfaces are beneficial for neck and back health.

daisy).

kyphosis

(drooping

## ... STOOL HEIGHT

Allows each stool to fit each student and their desk. Permits sitter's feet to remain squarely on the ground for proprioceptive benefit and actively supportive legs.

### FORWARD-TILTING SEAT PAN

Allows student to maintain a healthy back, and to rest with active legs. Can thus increase #of stools from 5 (shared to limit time of detriment) to 25.

## SEAT ON SPRING

Allows kids to wiggle around side-to-side and front-to-back.

Offers movement to hips and spine.

## PRIVATE OFFICE

Shelf lowered so it can more invitingly be used as a desk. Fidget bar tucks away to make room.

## LARGE WHEELS

that Teacher reported current wheels are somewhat flimsy, hard for kids to Kid-friendly wheels moveable more means classroom.

**CHANGE:** slightly reduce width of each desk WHY: so they can all fit in U shape

> FUNCTIONAL BENEFIT: all students can easily observe the teacher

## CULTURAL BENEFIT:

inward orientation for all reinforces the unity the class establishes each morning in their Community Circle

For bibliography and a full report on classroom observations and interviews, email emilyjane\_rosen@berkeley.edu