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# **Harrison Elder Eagle Scout Service Project**

# Harry Elder – Eagle project

## Proposal

- I propose to construct two scoreboards at the Lincoln middle school as my Eagle Scout Service project. The project will benefit the school, Sudbury Little League (sponsor of Lincoln baseball) and the Town of Lincoln.
- The scoreboards will be similar to others at baseball fields in Sudbury, with dimensions of 4'x8'. The structures will be solid, with 4"x4" posts as the main supports (three along the back and front). The scoreboards will have a platform on the front where spectators can stand and record the score. The platform will have supports underneath the decking as well as a railings on three sides so that it is safe for anyone, mostly children, who may be scoring the game. The construction of the scoreboards will be funded by the donations of Sudbury Little League and additional fundraising that will be conducted by Lincoln scouts at the Town transfer station if needed.
- I will purchase the materials from a home improvement store (preferably Home Depot) and bring them to the school on the day of construction so that they are not in the way, or a possible hazard to students who may play with them if they are at the school before construction. Construction will take place on a weekend, with Scouts from Troop 127 and other volunteer Scouts/students who may be willing to help.
- The Scouts will be divided into two different teams, one for each scoreboard being constructed. I will organize each team, assigning specific jobs for each Scout. Each team will be supervised by a senior Scout as well as an experienced adult. I will oversee both teams and lead them in their construction of the scoreboards. The senior Scouts will also aid me in leading the younger scouts and in keeping them organized and productive. The adults will be present primarily for safety and to help with construction supervising. Tools will be borrowed from the Lincoln Scouts and private families for use over the weekend.
- Once the boards are built they will be set in their locations by digging the six supports one foot into the ground. This way each scoreboard will be stable yet easily dug up and transported in case of renovations to the school or grounds. In the long term the scoreboards will need maintenance, so I will arrange to keep any extra funds for repairs/maintenance contingencies. I will also leave the Lincoln Scouts with a table similar to a duty roster that will call for periodic checks of the scoreboards to make sure they are still in good order (structural integrity, paint, score cards etc.).

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## Cost & Materials

- Each Scoreboard is projected to cost approximately \$300.
- With a total cost of \$600 dollars there will most likely be extra funds for maintenance further down the road.
- List of materials
  - Lumber: 4x4 posts (pressure treated), 4'x8' plywood sheet (pressure treated), 2x4 support beams (exterior grade), 1x4 composite decking planks,
  - Hardware: Carriage bolts (with washer and nut) 6"x3/8", Decking screws (exterior grade), Scorecard hooks (galvanized)
  - Miscellaneous: Exterior grade primer and green Rustoleum exterior paint, finally, numbered scorecards.

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- Score board front view with close up
- Construction is a 4X8 Sheet of exterior plywood painted
- 3 -- 4X4X12 posts across the back
- 3 -- 4X4X8 posts across the front



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- Score board side and rear view
- Side rails and supports are 2x4's
- Cross rail supports



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## Timeline for Execution

- Design and plan for construction completed and submitted.
- Necessary approvals by September 20. (Parks and Recreation, School Committee, Rec. Department, Scouts)
- Materials purchased and ready by the weekend after approval.
- Last Weekend in September/First Weekend in October Scouts are organized to build scoreboards in two teams. The teams will consist of Lincoln Boy Scouts supervised by an experienced carpenter, their patrol leaders and me. Scoreboards will be built in one weekend and ready for use as soon as constructed.
- Scoreboards are completed by the first week in October and the Troop 127 scheduled maintenance plan goes into effect.