

# [Kelly virtual school](https://assignbuster.com/kelly-virtual-school/)

[Law](https://assignbuster.com/essay-subjects/law/)

The first issue is that the audiovisual equipment, the keyboard, and the mouse went missing without breakages into the building. Secondly, thieves stole several computers from the computer lab by breaking in through the door windows on the exterior stairwell.
Assumptions
Security cameras, door windows with metal instead of glass, sensor gadgets, lighting the rear stairwell, and alarms will not exceed $5000 in cost.
Course of Action
COA 1Install cameras in the TV room
COA 2 Install cameras in the library
COA 3 Install cameras in the computer lab
COA 4 Install cameras on the rear stairwell
COA 5 Install sensor gadget in the door of the TV room
COA 6 Install sensor gadget in the door of the computer lab
COA 7 Install sensor gadget in the doors of the library
COA 8 Mount computers on permanent metal frames in the computer room
COA 9 Mount the audiovisual equipment on a permanent metal frame
COA 10 Mount the keyboard on a permanent metal bar
COA 11 Install an alarm in the rear doors
COA 12 Install lighting over the rear doors
The base price must be less than 5000 U. S. dollars
The money must be divided to fit all the needs
Must have a minimum of 4 cameras
Must have a minimum of 3 sensor gadgets
Must have an alarm
Criteria
Cost. Defined as the number of dollars to buy equipment including metals. Less is better. $ 1000
Electricity. Defined as the amount of payment for electricity per year. More is better. $ 2000
Maintenance. Defined as the number of dollars that will be spent in maintaining the cameras, lighting bulbs, and sensor gadgets. More is better. $ 1000
Analysis
COA 12 failed the criteria because it will exceed the $5000 limit
Conclusion
The course of action for putting lighting in the rear doors did not meet the criteria regarding cost and was eliminated from consideration. The remaining courses of action were put on the evaluation criteria of cost and maintenance that meet the safety standard
Recommendation
All the cameras, sensing gadgets, and the alarm should be bought and installed.