

**2010 MICHIGAN SKILLS USA CHAMPIONSHIPS
TASK AND MATERIALS LIST**

SKILL OR LEADERSHIP AREA: TEAM WORKS

CONTEST SPONSOR: Lowe's



SITE:

- CAUSEWAY BAY HOTEL (FORMERLY HOLIDAY INN SOUTH), LANSING, MI.
- APRIL 16, 2010
- THE SUMMIT, LANSING, MI.
- APRIL 17, 2010

TASKS TO BE PERFORMED:

- FRIDAY'S PRESENTATION TEAM TIMES WILL BE POSTED, 12:30 PM – 5:00 PM.
- TEAMS MAY DROP THEIR TOOLS OFF AT THE SUMMIT ON FRIDAY 1PM – 5PM OR AM SAT.
- SAT. TEAM WILL CHECK IN AT 8:00 AM- CONTEST WILL END AT 5:00 PM.
- CLEAN UP AND TEAR DOWN 4-5 PM (ALL TEAMS WILL PARTICIPATE AND SCORED. 25 POINTS WILL BE AWARDED FOR DECONSTRUCTION.)

OVERALL TEAM RESPONSIBILITY:

- ALL WORK WILL BE PERFORMED IN A QUALITY, PROFESSIONAL, AND WORKMANSHIP LIKE MANNER.
- COOPERATION AMONG ALL PHASES OF CONSTRUCTION IS NECESSARY.
- KEEP WORK AREA CLEAN AND FREE FROM HAZARDS.
- BECOME FAMILIAR WITH AND MAINTAIN SAFETY STANDARDS AT ALL TIMES.
- SAFETY PENALTIES WILL BE ASSESSED.
- WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES AND APPROPRIATE WORK SHOES OR BOOTS.
- ALL CONTESTANTS MUST REMAIN AT THE CONTEST SITE UNTIL JUDGING AND CLEAN UP IS COMPLETED.

- FAILURE TO DO THIS WILL RESULT IN DISQUALIFICATION.
- TEAMS WILL BE RESPONSIBLE FOR THEIR OWN LUNCHES AND WATER.
- A GROUP TEAM AREA WILL BE AVAILABLE FOR LUNCHES, NO ADVISORS OR PARENTS (CONTESTANTS ONLY).
- ADVISORS OR PARENTS MEETING OR TALKING TO STUDENTS WILL BE GROUNDS FOR DISQUALIFICATION

SAFETY REQUIREMENT:

- BOTH THE INSTRUCTOR AND THE CONTESTANT CERTIFY BY AGREEING TO ENTER THIS CONTEST THAT THE CONTESTANT HAS RECEIVED INSTRUCTION AND HAS SATISFACTORILY PASSED AN EXAMINATION ON THE SAFE USE OF PORTABLE POWER TOOL.
- EACH TEAM MEMBER WILL NEED TO BRING WITH THEM THEIR 10 HOUR CAREER SAFE ONLINE CARD.

TEAM MEMBERS:

- CARPENTER, ELECTRICIAN, MASON, PLUMBER.
- ***ALL TEAM MEMBERS MUST HAVE OSHA CERTIFICATION.***

SCOPE OF WORK:

- FRAME WOOD STRUCTURE, RAFTERS, STAIRS.
- WIRE INTERIOR, AND EXTERIOR.
- EXTERIOR BRICK, AND BLOCK.
- PLUMBING, PVC-DWV, COPPER, LAUNDRY TRAY, AND ON DEMAND WATER HEATER.
- PRESENTATION OF WORK PLAN.

TOOL LIST:

- NO AIR TOOLS
- NO POWER MITER SAW
- NO ELECTRONICS, CELL PHONES, I-PODS OR MP3 PLAYERS.

CARPENTRY

- ONE 6FT. STEP LADDER
- SAW HORSES
- HAND SAW, CIRCULAR SAW
- FRAMING SQUARE
- HAND TOOLS

- TOOL BAG
- SAFETY GLASSES
- ROUTER AND BITS
- HARD HAT
- BROOM AND DUST PAN

PLUMBING

- PROPANE TORCH
- FIRE EXTINGUISHER (SMALL)
- WATER SOLUBLE FLUX CONFORMING TO ASTM B813
- LEAD FREE SOLDER, PVC GLUE AND PRIMER
- PIPE COMPUND OR TEFLON TAPE
- ABRASIVE FOR CLEANING
- LEVEL, TUBING CUTTER, PVC CUTTER
- HOLE SAW
- HAND TOOLS
- HARD HAT
- SAFTEY GLASSES

MASONRY

- TROWEL
- BRICK HAMMER, BRICK SET
- BRUSH
- MORTAR BOARD
- MODULAR RULE
- 2'- 4' LEVEL
- COFFEE CAN FOR EXTRA WATER
- HAND TOOLS
- HARD HAT
- SAFETY GLASSES

WIRING

- DRILL (CORDLESS OR ELECTRICAL)
- DIAGONAL WIRE CUTTER, SIDE CUTTERS
- ROMEX STRIPPERS, WIRE STRIPPERS
- NEEDLE NOSE PLIERS
- SCREWDRIVERS
- HAND TOOLS
- HARD HAT
- SAFETY GLASSES

NOTE

√ OTHER HAND AND POWER TOOLS MAY BE ADDED TO THIS LIST.

ADDITIONS

- ALL STUDENTS SHOULD HAVE A PENCIL, TOOL BELTS, SAFETY GLASSES, HARD HAT, TAPE MEASURE, WORK BOOTS, AND OTHER PROPER WORK ATTIRE FOR THE JOB.
- ALL STUDENTS WILL NEED A ONE PAGE RESUME THAT WILL BE TURNED IN AT THE BEGINNING OF THE PRESENTATION AT THE CAUSEWAY BAY HOTEL ON FRIDAY.
- YOU WILL NOT BE ALLOWED TO WEAR TENNIS SHOES, SHOES, SHORTS, CUT OFF JEANS, SLEEVELESS SHIRTS, OR HAVE BARE MIDRIFTS OR, OR SHIRTS WITH SCHOOL NAMES OR CITIES.

MATCHING TEAM SHIRTS ARE PERMITTED

PRESENTATION

- TEAM PRESENTATIONS WILL BE HELD FRIDAY APRIL 16TH 2010, STARTING AT 12:30.
- CAUSEWAY BAY HOTEL (FORMERLY HOLIDAY INN SOUTH) LANSING, MI.
- DETAILED SCHEDULE WILL BE MAILED TO EACH ADVISOR AND POSTED ON THE WEB.

DETAILS

- PRESENTATION WILL BE 3 TO 5 MINUTES IN LENGTH.
- EACH TEAM WILL BE SENT DETAILS FOR PRESENTATION. THE FORMAT WILL BE THE SAME AS LAST YEAR, 2009.

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Revised 2/24/10

Presentation for Team Build

Students will be given a blue print. From this print, students will be asked to either:

- (1) Change the print to customers needs for their new house.
- (2) This is a print from an existing home and the customer wants it remodeled.

During the presentation students will be evaluated on:

- (1) Did they follow instructions
- (2) Organization of plan or design
- (3) Foundation
- (4) Framing
- (5) Plumbing
- (6) Electrical
- (7) Presentation (did everyone contribute)
- (8) Demolition (If remodel)
- (9) Time Frame
- (10) Professionalism

10 Points in each area if remodel for a total of 100 points.

10 points in each area if new for a total of 90 points.

SCORECARD TeamWorks

		Team Number							
Items Evaluated	Possible Points								
Plumbing	110								
Electrical	110								
Carpentry	300								
Masonry	110								
Order Efficiency	20								
Team Presentations	120								
Clean Site	64								
Extent of Completion	64								
Deconstruction	52								
Tool Return	20								
OSHA Safety Points	30								
Résumé Penalty	0 or -50 only								
Clothing Penalty	0 to -50 only								
Total Possible Points	1000								

Date: _____

Judges' Signatures:

_____	_____
_____	_____
_____	_____



**TeamWorks
Presentation Times – April 16, 2010**

1.	12:30 1:00	Branch Area Presentation	30 Min Planning time 5 Min Presentations	Team #1
2.	12:50 1:20	Jackson Presentation	30 Min Planning time 5 Min Presentations	#2
3.	1:10 1:40	LISD (Lenawee) Presentation	30 Min Planning time 5 Min Presentations	#3
4.	1:30 2:00	Allegan Presentation	30 Min Planning time 5 Min Presentations	#4
5.	1:50 2:20	Ann Arbor Presentation	30 Min Planning time 5 Min Presentations	#5
6.	2:10 2:40	Randolph Presentation	30 Min Planning time 5 Min Presentations	#6
7.	2:30 3:00	Oakland Schools NE Presentation	30 Min Planning time 5 Min Presentations	#7
8.	2:50 3:20	St. Clair Presentation	30 Min Planning time 5 Min Presentations	#8
9.	3:10 3:40	Bay Arenac Presentation	30 Min Planning time 5 Min Presentations	#9

10.	3:30 4:00	Lapeer County Presentation	30 Min Planning time 5 Min Presentations	Team #10
11.	3:50 4:20	Tuscola Presentation	30 Min Planning time 5 Min Presentations	#11
12.	4:10 4:40	Petoskey Presentation	30 Min Planning time 5 Min Presentations	#12
13.	4:30 5:00	Cheboygan Presentation	30 Min Planning time 5 Min Presentations	#13
14.	4:50 5:20	Delta Schoolcraft Presentation	30 Min Planning time 5 Min Presentations	#14
15.	5:10 5:40	Muskegon Presentation	30 Min Planning time 5 Min Presentations	#15