



DIAZ

# 2013 NATIONAL TECHNOLYMPICS

(A Showcase of Marketable Products and Performances)

MANUEL  
MOECHS  
Religion



COMPONENT AREA	Industrial Arts	
YEAR LEVEL	Second Year -	
EVENT PACKAGE	Creative T-Shirt Printing/Designing	
NO. OF PARTICIPANT(S)	Two (2)	
TIME ALLOTMENT	Four (4) Hours	
DESCRIPTION/USE	Creative designs on ordinary T-shirts to make it more attractive, competitive and marketable to various types of customers. This can be a potential business idea for young entrepreneurs.	
CRITERIA FOR ASSESSMENT	Criteria	Percentage
	✔ Originality of design/ideas	30
	✔ Combination of materials	
	✔ Additional use	
	✔ Use of tools, materials & equipment	30
	✔ Methods	
	✔ Safety work habits & housekeeping	
	✔ Affordability	20
	✔ Visual appeal	
	✔ Wise use of time	10
✔ Fluency of oral communication	10	
✔ Flow of thoughts		
	Total:	100%

### I. Skills Exhibition Proper

- a. The Event Administrators and their secretaries, technical committee and judges, should be in the venue sixty (60) minutes ahead of the event schedule.
- b. Event materials, supplies, tools, equipment and other things needed for the venue will be made ready by the Event Administrator sixty (60) minutes before the event schedule.
- c. All participants should be at the designated venue thirty (30) minutes before the event starts. Late participants without valid reasons shall be disqualified.
- d. The participants will draw lots to determine their respective places and set up their food and materials on their assigned places. Setting up of their extension chords, equipment, and tools should be done during this time.
- e. Briefing of participants will be done fifteen (15) minutes before the scheduled event.
- f. The Event Secretary will give the signal for the event to begin. Once the event has been started, the coaches, teachers, delegates are no longer allowed to talk to the participants to give them full concentration in their work.
- g. Only the Event Administrator, Secretary, technical, judges, official photographer and participants are allowed in the venue.
- h. No questions shall be entertained during the contest proper except clarifications and points of order. All clarifications and points of order will be directed to the Event Administrator.
- i. Should there be any irregularities found during the event, the Event Administrator, in consultation with the Board of Judges, may suspend the conduct of the specific skill exhibition if justified and refer the matter to the attention of the Technical and evaluation Committee for appropriate action.
- j. Borrowing of materials, tools, supplies during the event is not allowed.
- k. The working area should be cleaned immediately after every event.

Year Level - 2nd, 3rd, 4th, 5th

During Reginal T-shirt will be provided

## II. Reminders

Event Supplies, Tools and Equipment	Contestants	Host School	Organizer
A. Material/Supplies	➤ Extension Cord	➤	➤ Textile Paint ➤ Accessories ➤ Adhesive
B. Tools/Equipment	➤ tools/equipment ➤ Paint brush	➤ Working Table ➤ 2 chairs ➤ Convenience Outlet ➤ Wash Area	

**Note:**

- a. All outputs shall be endorsed to the Secretariat by the Event Administrator
- b. All endorsed outputs shall be displayed until the duration of the event



**DepED**  
DEPARTMENT OF EDUCATION

# 2013 NATIONAL TECHNOOLYMPICS

(A Showcase of Marketable Products and Performances)

COMPONENT AREA	Industrial Arts	
YEAR LEVEL	Second Year	
EVENT PACKAGE	Creative Educational Toy Making	
NO. OF PARTICIPANT(S)	Two (2)	
TIME ALLOTMENT	Four (4) Hours	
DESCRIPTION/USE	Create/Innovate educational toys for children which will facilitate the development of their mental and manipulative skills using wood as the basic material.	
CRITERIA FOR ASSESSMENT	Criteria	Percentage
	➤ Originality of design/ideas	
	➤ <del>Combination of materials</del> COLOR HARMONY	30
	➤ <del>Additional use</del> ADD'L USE	
	➤ Use of tools, materials & equipment	
	➤ Methods	30
	➤ Safety work habits & housekeeping	
	➤ <del>Affordability</del>	20
	➤ Visual appeal	
	➤ Wise use of time	10
	➤ Fluency of oral communication	10
	➤ Flow of thoughts	
	Total:	100%

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- j. Borrowing of materials, tools, supplies during the event is not allowed.
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## II. Reminders

Event Supplies, Tools and Equipment	Contestants	Host School	Organizer
A. Material/Supplies	➤	➤	➤ Wood, finishing Accessories
B. Tools/Equipment	➤ Hand Tools ➤ Brushes for finishing ➤ Extension Cord	➤ Bench Vise ➤ Working bench ➤ Convenience Outlet	

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**DepED**

# 2013 NATIONAL TECHNOOLYMPICS

(A Showcase of Marketable Products and Performances)

COMPONENT AREA	AGRI-FISHERY ARTS	
YEAR LEVEL	ANY YEAR LEVEL	
EVENT PACKAGE	EXPERIMENTAL COOKERY	
NO. OF PARTICIPANT(S)	ONE (1)	
TIME ALLOTMENT	THREE (3) HOURS	
DESCRIPTION/USE	Applying the principles in dressing chicken and transforming it into an innovative, marketable and affordable chicken dish.	
CRITERIA FOR ASSESSMENT	Criteria	Percentage
	Originality of recipe Combination of Ingredients Use of other ingredient	30
	Use of tools and equipment Methods & safety work habits	30
	Palatability Presentation	20
	Wise use of time	10
	Fluency of communication Writing style	10
	<b>Total:</b>	<b>100%</b>

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- j. Borrowing of materials, tools, supplies during the event is not allowed.
- k. The working area should be cleaned immediately after every event.
- l. The participants shall be provided with play money worth P300 to be used in marketing the supplies and materials.
- m. Dressing is a part of the skills exhibition.
- n. The products will become the property of the organizer which shall be displayed in the booth for appreciation, taste test and for selling
- o. A recipe is required of the participant for submission to the organizer.

## II. Reminders

Event Supplies, Tools and Equipment	Contestants	Host School	Organizer
A. Material/Supplies	➤ Cooking utensils ➤ Ingredients	➤ Firewood stokes	➤ Chicken
B. Tools/Equipment	➤ Knife ➤ Chopping Board ➤ Butane stove, etc	➤ Working tables	

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# 2013 NATIONAL TECHNOOLYMPICS

(A Showcase of Marketable Products and Performances)

COMPONENT AREA	HOME ECONOMICS	
YEAR LEVEL	ANY YEAR LEVEL	
EVENT PACKAGE	CHILDREN'S WEAR CONSTRUCTION	
NO. OF PARTICIPANT(S)	TWO (2)	
TIME ALLOTMENT	FOUR (4) HOURS	
DESCRIPTION/USE	Construction of a marketable casual dress designed for girls ages 5-6 years	
CRITERIA FOR ASSESSMENT	Criteria	Percentage
	Creativity and Innovation	30
	Process	30
	Marketability	20
	Time Management	10
	Communication Skills	10
	Total:	100%

## I. Skills Exhibition Proper

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- j. Borrowing of materials, tools, supplies during the event is not allowed.

Event Supplies, Tools and Equipment	Contestant	Host School	Organizer
A Materials/Supplies	Sewing kit, accessories	Mannequin	Cloth, thread, pattern paper
B Tools and Equipment	Sewing tools such as Scissor, Tailor's chalk, tape measure, L-square, etc.	Motorized sewing machine	

2012 NATIONAL TECHNOLYMPICS

Cabatuan National Comprehensive High School

Cabatuan, Iloilo

SKILLS EXHIBITION PIECE: STEEL BALUSTER

INSTRUCTIONS:

1. The participant for this event is tasked to come up with innovative design of steel baluster for stairs.
12. The participant will be working independently from planning to production and marketing.
13. The 4 hours time frame is inclusive of the following stages:
  - Planning/Product conceptualization *project plan or project Designing*
  - Production
  - Costing and pricing
  - Labelling
14. The output will be assessed using the following criteria:
  - **Creativity and Innovation** -----30%
    - Originality of Design, ideas, presentation, packaging ---10%
    - Combination of materials used -----10%
    - Other use ----- 10%
  - **Process** -----30%
    - Use of appropriate tools and equipment ----- 10%
    - Methods----- 10%
    - Safety Work Habits & Housekeeping ----- 10%
  - **Marketability** ----- 20%
    - Durability ----- 5%
    - Quality----- 5%
    - Affordability ----- 5%
    - Visual Appeal ----- 5%
  - **Time Management** ----- 10%
    - Wise use of time-----5%
    - Speed -----5%
  - **Communication Skills** ----- 10%
    - Fluency of oral Communication -----5%
    - Flow of thoughts and ideas ----- 5%
15. The team is given a box containing the following materials:
  - Bond paper
  - Pencil
  - Steel bars

- Welding rods
  - E namel paint
16. Based on the materials present in the box, conceptualize the steel baluster. In the design, indicate specifications of the following:
    - Material for each part
    - Sizes(dimension)
    - Colors
  17. Construct the required steel baluster based on the specifications on the product design.
  18. Design appropriate product package.
  19. Compute for production cost and labor.
  20. Prepare Product label indicating the following:
    - Price
    - Product name
    - Product information
  21. Plan for an effective marketing strategy to be used in promoting and distributing your product. You may use the 5 P's (*Product, Price, People, Place, Promo*) as guide in considering this aspect.

**REMINDERS:**

1. All participants must be at the skills exhibition area fifteen (15) minutes before the event proper.
2. No trainers are allowed to enter the area once the event started. In case that the event will be conducted in an open area, trainers and spectators/observers must stay three (3) meters away from the event area.
3. Once the participants complete their tasks, they should leave the event area immediately.
4. Judges should assess the participants' output independently. They are not allowed to discuss their observations and assessment with the other judges.
5. The panel of judges is composed of BSE Specialist, Techvoc, TESDA or practitioner in the field.
6. Judges will just write their scores in each indicator per criterion. The tabulator assigned will be responsible for the computation of their scores. But this will be concurred by the judges.
7. The decision of the board of judges is final and irrevocable.





# 2013 NATIONAL TECHNOOLYMPICS

(A Showcase of Marketable Products and Performances)



COMPONENT AREA	Industrial Arts	
YEAR LEVEL	Third or Fourth Year	
EVENT PACKAGE	Creative Steel Balluster	
NO. OF PARTICIPANT(S)	1 (One)	
TIME ALLOTMENT	Four (4) Hours	
DESCRIPTION/USE	Creative balluster could be used as railings of stairs, porch, terrace and others. Creating quality and marketable designs would mean a possible profitable entrepreneurial activity.	
CRITERIA FOR ASSESSMENT	Criteria	Percentage
	✓ Originality of design/ideas	30
	✗ ✓ Combination of materials	
	✗ ✓ Additional use	
	✓ Use of tools, materials & equipment	30
	✓ Methods	
	✓ Safety work habits & housekeeping	
	✗ ✓ Affordability	20
	✓ Visual appeal	10
✓ Wise use of time	10	
✓ Fluency of oral communication	10	
✓ Flow of thoughts	10	
	<b>Total:</b>	<b>100%</b>

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*During the contest*

*Present the design w/ measurement before actual work to agree - Area Height balluster 16-18" Length - 16-18" } w/in the range*

II. Reminders

Event Supplies, Tools and Equipment	Contestants	Host School	Organizer
A. Material/Supplies	➤ Extension Cord	➤	➤ Steel Bars ➤ Welding rod ➤ Others
B. Tools/Equipment	➤ Hand Tools ➤ Personal Protective Gear	➤ Working Bench ➤ Welding Machine ➤ Convenience Outlet	

Note:

- a. All outputs shall be endorsed to the Secretariat by the Event Administrator
- b. All endorsed outputs shall be displayed until the duration of the event

### 3. Generic Criteria for Judging and Event Procedure

#### 3.1 Generic Criteria for Judging

3.1.1	Creativity & Innovation ----- Originality of Design/ Ideas/ Graphics/ Presentation/ Harmony and Balance – 10% Combination of materials – 10% Additional Use – 10%	30%
3.1.2	Process ----- Use of appropriate tools, materials and equipment – 10% Methods/Workmanship/Hyperlink – 10% Safety Work Habits & House Keeping – 10%	30%
3.1.3	Marketability ----- Quality/Durability/Taste – 5% Purpose/Functionality – 5% Affordability – 5% Visual Appeal – 5%	20%
3.1.4	Time Management ----- Wise use of time/Speed	5%
3.1.5	Communication Skills ----- Fluency of oral communication - 5% Flow of thoughts and ideas – 5%	10%
	<b>TOTAL -----</b>	<b>100%</b>

Time Mgt.

15% - w/in or 1st to finish - 10  
2nd - 9.5  
3rd to finish - 90  
Score + 20 points in  
Case of tie

Generic - applicable to all except taste in  
toy making - only quality, durability.  
for cooking tasks.