



36 Shields Street, Cairns Qld 4870
PO Box 7371, Cairns Qld 4870
Phone: 4232 2310 | Mobile: 0431 022 249
Email: eo@bla.org.au
Website: www.bla.org.au

June, 2019

THROUGH THE PRINCIPAL TO ALL INDUSTRIAL TECHNOLOGY AND DESIGN DEPARTMENTS

Dear Colleague/s

BLA AND DATTA INDUSTRIAL TECHNOLOGY AND DESIGN AWARDS AND SHOWCASE

The Business Liaison Association Inc., in conjunction with Design and Technology Teachers Association (DATTA Peninsula Branch), are offering the above competition to Design Technology students in this region. Junior and secondary students from both state and private schools are encouraged to enter.

The competition aims to promote the study of Design Technology Subjects in schools, and to encourage students who study these subjects to demonstrate their technical knowledge as well as design skills and craftsmanship.

Please download competition details from website www.bla.org.au , and forward nomination form by 23 August. Entries to be submitted to Cairns High no later than 3.30pm on the 21st of October.

The presentation function will be held at Event Cinemas on 31st October 2019 at 6.00 pm. Students involved, parents and teachers will be invited to attend this very professional presentation. Students receiving awards must wear formal school uniform and present themselves neatly.

We encourage you to urge students to participate. It is most desirable and useful to make these jobs part of your formal assessment. Please adhere to deadlines given in order to facilitate co-ordination of this competition.

Any queries please contact Mark Harland on mharl21@eq.edu.au.

Yours sincerely

Angela Toppin
Chairperson



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PLEASE SUPPORT OUR WONDERFUL SPONSORS



Please ensure that the following details are attached to each entry:
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Nominations by 23 August 2019

Forward entries to Mark Harland at Cairns State High School by 21st October 2019

Judging for finalists by 22nd October 2019 | Presentation Night on Thursday 31st October 2019

Judging panel will include industry representatives and sponsors

Project identification labels and school submission spreadsheet will be sent out after nominations

For further information contact: mharl21@eq.edu.au or Tel: (07) 4050 3060

Education and Industry...Pathways and Opportunities...Working Together

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YEAR 7/8 INDUSTRIAL TECHNOLOGY & DESIGN

PROJECT AND DESIGN FOLIO

Situation: Students are to develop design folio and a completed product school project (graphical design and practical project). All student work is to be submitted for judging.

The following items must be provided;

- Design folio with all sketches, annotations and justification for chosen design. Please provide a valid thought process of what you have actually done.
- Completed prototype.
- The orthographic and pictorial drawings can be drawn manually or using a computer aided drafting (CAD) program.

CLOSED DESIGN PROJECT

Situation: Students are to develop a project from timber, metal, or plastics using procedure and design set out by their school.

Students are required to produce an article from given specification or drawings. Emphasis will be on workmanship.

Students will be judged on the following criteria:

1. Choice of Materials
2. Aesthetics

3. Standard of manufacture
4. Structural Soundness

Awards for each

First prize: \$150.00 each
Runner up: \$100.00 each
Encouragement Awards: \$60.00

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YEAR 9/10 DESIGN AWARDS

This competition is open to all students currently enrolled in Years 9 & 10 Design courses.

DIVISION A: BUILT ENVIRONMENT

Modify/Design an aspect of a house eg kitchen, living area, bathroom, BBQ area etc. The portfolio of drawings should best represent the design.

DIVISION B: INDUSTRIAL DESIGN

Students are to select or design a product and may submit a multi-modal presentation. Students are to show how the Product works in the portfolio.

Students will be judged on the following:

1. Concept / Design Suitability
2. Quality of Drawing
3. Presentation of Product

YEAR 9/10 DESIGN AND TECHNOLOGY AWARDS

JUNIOR DIVISION YEARS 9 – 10

This competition is open to all students currently enrolled in Years 9 and 10 Industrial Technology Courses.

DIVISION A – OPEN DESIGN

Students are required to produce an article of their own design. To be eligible, the student MUST include a folio with the following: The finished article, working drawings, Design brief, and Procedure.

Students will be judged on the following criteria:

1. Originality of concept
2. Choice of Materials
3. Aesthetics
4. Standard of Manufacture
5. Complexity of the Project
6. Practicality of the Design

DIVISION B – CLOSED DESIGN

Students are required to produce an article from given specification or drawings.

1. Choice of Materials
2. Aesthetics
3. Standard of manufacture
4. Structural Soundness

NB. Cost and size are non-factors in the judging process.

[Awards for each division](#)

First prize: \$150.00 each

Runner up: \$100.00 each

Encouragement Awards: \$60.00

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11/12 GRAPHICS AWARDS

This competition is open to all students currently enrolled in Years 11 and 12 Graphics Courses.

DIVISION A: TROPICAL LIVING

Modify/Design a House or Unit specifically for Tropical Living and sustainability. The Portfolio must comprise of no more than 10 pages and any notes relating to design aspects.

DIVISION B: INDUSTRIAL DESIGN

Students are to select or design a product. Students are to show how the Product works in the portfolio. Students will be judged on the following:

1. **Concept / Design Suitability**
2. **Quality of Drawing**
3. **Presentation of Product**

DIVISION C: GRAPHIC DESIGN

Students are to select or design a suite of graphical products that could be used in a commercial environment. Students will be judged on the following:

1. **Concept / Design Suitability**
2. **Quality of Drawing**
3. **Presentation of Product**

11/12 DESIGN AND TECHNOLOGY AWARDS

This competition is open to all students currently enrolled in Years 11 and 12 Industrial Technology and Design Courses.

NB. Cost and size are non-factors in the judging process.

DIVISION A – SENIOR OPEN DESIGN

Students are required to produce an article of their own design. To be eligible, the student MUST include a folio with the following: The finished article, working drawings, Design brief, and Procedure.

DIVISION B – SENIOR CLOSED DESIGN

Students are required to produce an article from given specification or drawings. Emphasis will be on workmanship.

[Awards for each division](#)

First prize: \$150.00 each

Runner up: \$100.00 each

Encouragement Awards: \$60.00

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DATTA CONSTRUCTION AWARDS 11/12 CONSTRUCTION PROJECT AWARD

Students are required to construct a project for their School or Community organisation. The project can be completed by an individual, group, or an entire class depending on the complexity and time for its production.

Examples: **Paving ... Seating ... Construction ... Signage ... Tables ... Landscaping**

To be eligible, the entry must include the following:

Situation, Design brief, working drawings, Procedure, The finished article via photographs

Students will be judged in the following:

- Concept / Design Suitability
- Complexity / Simplicity of design
- Standard of Manufacture

Submissions of Entries: We encourage entrants to use photographic evidence of the project's construction. The winning school entry will be awarded up to 9 places in Working at Heights and Working in Confined Spaces courses (Valued at \$500 each) with Pro-Lift Training and Assessment Services.

DATTA PROJECT TURNING AWARDS 7- 9 COMBINED METAL/WOOD 10-12 SEPARATE AWARDS FOR WOOD/METAL

This competition is open to all students currently enrolled in Years 7 -12 Industrial Technology and Design courses.

PROJECT TURNING CATEGORY

Students are asked to produce an article using any method of turning available. The article could be turned on the wood or metal lathe in the workshop. Schools can decide on a brief for students to complete the task.

Judging

1. Originality
2. Workmanship
3. Finish
4. Aesthetics

[Awards for each division](#)
First prize: \$150.00 each
Runner up: \$100.00 each
Encouragement Awards: \$60.00

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ENGINEERING, MECHANICAL AND ELECTRICAL DESIGN AWARDS

DIVISION A – 7/8 MECHANICAL, ELECTRICAL AND/OR ROBOTIC DESIGN

Students are required to design a project with moving parts and could incorporate mouse trap powered vehicles, rubber band powered projects. Lego Dacta and the like. CO2 dragsters will be accepted in this category also.

A design folio will be required with the project

Students will be judged on the following:

- Concept
- Complexity /simplicity of Design
- Standard of Manufacture

DIVISION B – 9/10 CLOSED DESIGN ENGINEERING FABRICATION AND MACHINING

Students are required to produce an article from school given specification or drawings. Emphasis will be on workmanship.

DIVISION C – 11/12 CLOSED DESIGN ENGINEERING FABRICATION AND MACHINING

Students are required to produce an article from school given specification or drawings. Emphasis will be on workmanship.

Awards for each division

First prize: \$150.00 each

Runner up: \$100.00 each

Encouragement Awards: \$60.00



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11 ATAR DESIGN AWARD

Students are required to design a product, service or environment in the context of commercial design. Fundamental to commercial design is the principle that design is a commercial endeavour that requires designers to respond to the needs and wants of clients

Student submissions should be in design folios that consist of:

- Part A-Visual documentation of the design process
- Part B- Design Brief and Criteria
- Part C-Design Proposal

Student submissions should be judged on

- Uniqueness and Credibility of ideas
- Innovation of proposed concept
- Communication and representation of ideas & concept

11 ATAR ENGINEERING AWARD

Students are to develop a prototype that provides an engineered solution to a problem. The focus should be on new and emerging technologies in relation to engineering fields such as biomedical, aerospace, energy and electrical.

Student submissions should be in design folios that consist of:

- Part A - document the development of an engineered solution
- Part B – communicate a summary report for the specified client drawn from Part A documentation

Student submissions should be judged on

- Generated ideas explained in relation to emerging technologies
- Data provided to assess accuracy of predicted solution
- Communication and representation of engineered solution

[Awards for each award](#)
First prize: \$150.00 each
Runner up: \$100.00 each
Encouragement Awards: \$60.00

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MOST INNOVATIVE AWARD
Proudly sponsored by CQUniversity

SENIOR AND JUNIOR CATEGORIES

This award is for one senior and one junior student of any category who demonstrates the following criteria:

- Satisfies a specific problem / need
- Unique and defensible solution
- Size of the potential market
- Design qualities

Most Innovative Award in the Senior Division

&

Most Innovative Award in the Junior Division

MOST ENTERPRISING AWARD
Proudly sponsored by Macazo Maintenance and Bluedog

SENIOR AND JUNIOR CATEGORIES

This award is for one senior and one junior student who designs a product that would viably go direct to market.

Most Enterprising Award in the Senior Division

&

Most Enterprising Award in the Junior Division

MOST OUTSTANDING AWARD
Proudly sponsored by BUSSQ and Total Tools

SENIOR AND JUNIOR CATEGORIES

Outstanding Achievement Award for the Best Overall Entry in the Senior Division

&

Outstanding Achievement Award for the Best Overall Entry in the Junior Division

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DATTA TEACHER DESIGN AWARDS

Proudly sponsored by Cairns Hardware

First Prize:	\$200.00
Runner up:	\$150.00
Encouragement Award:	\$100.00

Teachers are required to design and produce a project for under \$50.00 which could be used in the school teaching context.

Teachers will be judged on the following:

1. Design
2. Project Manufacture
3. Project Finish

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NOMINATION FORM

Email the below details to mharl21@eq.edu.au.

SCHOOL NAME	
CONTACT TEACHER	
TELEPHONE	
EMAIL	

(Schools can nominate as many students as they wish for one Registration)
 Nomination Fee of \$88.00 including GST

TAX INVOICE Business Liaison Association PO Box 7371, Cairns QLD 4870 ABN 60902261190	Send Cheque Payments to Business Liaison Assn Inc. P.O. Box 7371 Cairns QLD 4870	Business Liaison Association BSB: 633000 Account No: 120970611 Ref: DATTA Awards <i>Your School</i>
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