

CHINOOK REGIONAL CARDBOARD BOAT RACE REGISTRATION PACKAGE

University of Lethbridge
November 17, 2011



Career Transitions
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CARDBOARD BOAT RACES

Date and Location

Chinook Regional Cardboard Boat Race

Hosted by Career Transitions

Thursday, November 17, 2011, 9:30 am

University of Lethbridge

Objective

Teams of four junior and senior high students will design, construct, and race a cardboard boat across a swimming pool. Participating schools will be provided with the required materials on the day of the event. The boat must be built in 1 and 1/2 hours. Judging will be based on: design, construction, safety, speed across the pool, and weight capacity.

The educational value for students includes problem solving and the practical application of important principles including

- design, research & presentation
- water permeability
- buoyancy and displacement
- principles of structure, strength, rigidity
- construction
- teamwork and FUN!

How to Register

- Register your team(s) online at www.boatrace.eventbrite.com
- There is no cost to enter the Chinook Regional Cardboard Boat Race for Career Transitions partner schools.
- Registrations will be accepted online on a first come, first served basis.
- Schools can register up to 2 teams per school. Once registered, all Participant Release Forms and Waiver Forms for your first two teams must be received by October 31, 2011 or your registered spot may be forfeited and filled with a wait-list team.
- Additional teams can register online for Wait List tickets.
- Wait-list spots will be granted November 1, 2011 on a first-come, first-serve basis. All Participant Release Forms and Waiver Forms for Wait List Teams must be received by November 14, 2011.
- In-school competitions are encouraged for selecting the teams to represent the school.
- Special "Teacher Teams" may enter the race as well (this would be encouraged!). If you would like to enter a "Teacher Team" from your school or join a mixed "Teacher Team" please contact the Career Transitions office.
- Parents and fellow students are welcome to attend **the pool portion (1:00 pm at Max Bell)** of the day to cheer for their team!

CARDBOARD BOAT RACES

Preparation for Race Day

Register early! Registration and additional team requests are awarded on a first come, first serve basis. There is a 50 team limit. Schools may register up to two teams and can request additional teams. Teams should research the design and construction of their boat.

Teams prepare a design sketch of their boat in advance. Remember that points are awarded for the sketch!

It is helpful for students in advance of the race day to build and test a prototype of their boat.

Plan the decoration material for your boat (max. \$20 cost limit, no paint, no sealers, no waterproofing agents, no glue, no string, and no additional tape are permitted). Remember that teams earn points for the visual appeal of their boat!

Race Day Schedule

TIME	DESCRIPTION
9:30 - 10:00	Arrival and Check-in (exact meeting place will be emailed after permission/waiver forms received)
10:00 - 10:15	Announcements/Instructions
10:15- 12:00	Boat Construction and 15 min. Cleanup
12:00 - 12:30	Lunch – provided by Cenovus Energy and University of Lethbridge. Change into swimsuits
12:30 - 1:00	Move Boats To Pool
1:00- 2:30	Races and Weight Challenge
2:30 - 3:00	Judging and Evaluation
3:00 - 3:30	Awards Presentations

Construction Material

Supplied By Skills Canada Alberta:

1. One roll of packing tape
2. Junior High: Two 4 ft x 8 ft sheets of 1/4 inch cardboard
Senior High: Four 4 ft x 4 ft sheets of 1/4 inch cardboard
3. 25 feet of string (8 meters)
4. One small roll of duct tape (8 meters)
5. Two exacto knives
6. One laminated sheet with team number
7. Two pencils
8. Surprise item on competition day (must be used in the competition)

Brought By Each Team:

- 2 straight edges/rulers of any length or size (no "T" square rulers)
- 2 tape measures

No other tools or material may be used during the construction of the boat.

CARDBOARD BOAT RACES

Rules and Regulations

- 1) A design sketch of each team's boat must be submitted to the judges during construction on the day of the event. Points will be awarded for sketch innovation and how closely the construction follows the design.
- 2) In the speed event, all teams must start on the pool deck, with their boats out of the water. Once the whistle is blown and the time begins, teams will then place their boats into the water. Team members are allowed to stabilize the boat in the pool at the beginning of the race in order to allow the rider to smoothly enter the boat. Team members stabilizing the boat must not be more than one arm's length from the edge of the pool.
- 3) No running starts, lying down on the boat, or kicking are allowed (an infraction will result in a three point penalty).
- 4) Each team must secure the provided laminated number to the front of the boat.
- 5) The speed event is completed when a team member that is steering the boat touches the finishing line (end wall) while afloat in his/her cardboard boat.
- 6) Any devices used to propel the boat during the speed event must be constructed from the provided material during the allotted construction time.
- 7) In the speed event, teams will race in heats against other boats and the clock. The heat winner will receive two points, while a team that does not win the heat but finishes afloat will receive one point. Additional points will be awarded to the ten fastest overall times.
- 8) In the weight event, the weight of three of the team's members must be supported for one minute to receive full points. Judges discretion will be used to determine if the boat is floating and holding the full weight of the competitors.
- 9) No external help during the competition is allowed (i.e. from teachers, parents, advisors etc.).
- 10) Only the provided construction materials may be used to build the boat.
- 11) All cutting must be done on the provided cutting board to prevent floor damage. Judges will deduct points if teams make cuts without the use of the cutting board.
- 12) Decorations must not aid in the floatation or the structure of the boat. A maximum of \$20 is allowed to decorate the boat. Decorations that may become dislodged from the boat in the water must be removed before the speed and weight challenges. No paint, sealers, waterproofing agents, string, glue, or additional tape are permitted.

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Judging Criteria

Medals will be presented to the top three teams in the junior and senior high categories based on the following criteria: (In the case of a tie, the team with the highest speed and weight score will be the winner)

1. DESIGN & CONSTRUCTION

Design	<ul style="list-style-type: none"> Sketch innovation and design Construction follows sketch 	2 points
Construction Quality	<ul style="list-style-type: none"> Boat is built strongly: no loose connections, messy folds, or messy cuts 	5 points
Teamwork/ Organization/ Safety	<ul style="list-style-type: none"> Team is well organized and works as a team Team has a concern for safety Team's work area is clean and neat 	5 points
Visual Appeal	<ul style="list-style-type: none"> Boat is creatively decorated Overall visual impression 	3 points

Construction Points /15

2. SPEED

- Heat winners - receive 2 points.
- Teams that did not win heat, but completed the race - receive 1 point.
- Laying down on the boat, kicking, or a running start - 3 point penalty.
- The 10 fastest times overall will receive points:

1st	11 Points	3rd	9 Points	5th	7 Points	7th	5 Points	9th	3 Points
2nd	10 Points	4th	8 Points	6th	6 Points	8th	4 Points	10th	2 Points

Speed Points /13

3. WEIGHT TEST

- To complete, boats must hold the weight of three teammates for 1 minute.
- The maximum 12 points are awarded for boats that hold three teammates for 1 minute.

TIME ELAPSED	1:00 +	0:30 - 0:59	0:10 - 0:29	0:00 - 0:09
POINTS ALLOTTED	12	9	7	4

Weight Points /12

TOTAL POINTS /40

CARDBOARD BOAT RACES

Participant Release Form Chinook Regional Cardboard Boat Race

(forms must be received by October 31, 2011 or your spot may be forfeited. Wait list spots will be assigned on November 1, 2011. Wait list team forms must be received by November 14, 2011)

Student Name: _____

School: _____ T-shirt size (circle): XS S M L XL

Emergency Contact Name: _____ Phone: _____

Family Physician: _____ Phone: _____

List any known allergies, medications you are taking and any physical restrictions or special conditions for competing.

CONSENT FOR USE OF PERSONAL INFORMATION

Career Transitions Skills Canada Alberta respects your privacy. We protect your personal information and adhere to all legislative requirements with respect to protecting privacy. We do not rent, sell or trade our mailing lists. However, we may provide names to Members of Parliament, government departments, the media, our partners or our provincial/territorial offices for their information or recognition purposes. The information you provide will be used to deliver services, promote the organization and its programs, keep stakeholders informed and up to date on the activities of Career Transitions and Skills Canada Alberta, including programs, services, special events, funding needs, opportunities to volunteer, or to give open houses and more through periodic contacts.

RELEASE OF INFORMATION/PHOTOS

I understand and agree that information pertaining to my participation in the Chinook Regional Cardboard Boat Race – including my name, my address, and my standing in the race – may be sent to my local Member of Parliament and Member of the Legislative Assembly, posted on our website, as well as media outlets. I agree that still photographs and videotapes of me taken during the course of the Chinook Regional Cardboard Boat Race may be used and reproduced by Career Transitions and/or Skills Canada Alberta in promotional, educational and fundraising materials, including the website. If at any time I wish to be removed from any of these contacts I will simply contact Career Transitions at (403) 328-3996 and request to be removed.

Please check to Agree or Disagree to the above statements Agree Disagree

Signature of Participant/Parent/Guardian
(Parent/Guardian if under 18)

Date

**Return this form and the U of L Waiver for each participant to
Career Transitions:**

Fax 403.320.2365 OR

Scan and email molly.gatto@pallisersd.ab.ca

INFORMED CONSENT, RELEASE OF LIABILITY, WAIVER OF CLAIMS
Please read carefully!

ASSUMPTION OF RISKS:

The University of Lethbridge, Chinook Regional Career Transitions for Youth and Skills Canada (The Organizers) are pleased to present the Chinook Regional Cardboard Boat Race (The Event) occurring Wednesday November 17, 2011 at **the Max Bell Aquatic Centre, University of Lethbridge at Lethbridge, AB**. Prepared with cardboard, duct tape and a few other odds and ends, junior and senior high school students from across the region use their skills and ingenuity to transform these materials into a vessel for the water. The boat will need to be able to sustain passengers and be quick in order to win the competition! Furthermore, I am aware that allowing my child to participate in the Chinook Regional Cardboard Boat Races that I may expose my child to the following inherent risks, including but not limited to the following:

GENERAL: Theft, vandalism or loss of personal property;

TRANSPORTATION: Transport to and from the University of Lethbridge to attend The Event by all modes of transportation; possibility of motor vehicle collision.

SWIMMING: Impact with obstructions, other participants, officials or spectators, visible or non-visible; lifeguards are on site at all time during The Event but there remains the potential for drowning or for bone and muscular skeletal injury, such as sprains and strains; episodes of light headedness, fainting, chest discomfort, leg cramps and nausea; an increased load on the heart, which may result in dizziness, shortness of breath and in extreme circumstances, may result in a heart attack; all manner of injury resulting from falls on slippery or uneven surfaces; all manner of injury arising from falling and/or impacting (suddenly or otherwise) against the floor, pool deck, bunks, walls, apparatus, or equipment or other obstructions; abrasions, bruises, blisters or cuts resulting from impact with other participants or equipment.

EQUIPMENT: Any manner of injury resulting from use, misuse, non-use and failure of equipment and that if my child is supplying his/her own equipment, I am responsible for ensuring that it is safe and well maintained which is safe and up to the requisite standards for The Event.

I understand that The Organizers cannot accept financial responsibility for my child's medical treatment, damage personal property or damage they may cause to others and their property. **I agree that I am responsible for ensuring my child has provincial health care and sufficient private health and dental insurance coverage.** Furthermore, I authorize The Organizers to secure medical advice and services as it, in its sole discretion, may deem necessary for my child's health and safety at The Event and I shall be financially responsible for such advice and services. I know that it is my child's responsibility to abide by the rules and regulations imposed upon the participants and have explained to my child the need to follow the instructions given to them by The Organizers, teachers, lifeguards and volunteers of The Chinook Regional Cardboard Boat Race.

RELEASE OF LIABILITY AND INDEMNITY AGREEMENT: I have read the attached supplementary rules issued for this event and agree to be bound by them. In consideration of acceptance my being permitted to take part in this event, I agree to save harmless and keep indemnified THE UNIVERSITY OF LETHBRIDGE, CAREER TRANSITIONS, SKILLS CANADA ALBERTA, its employees, and their respective agents, directors, volunteers, officials, servants and representatives from and against all claims, actions, costs, expenses and demands in respect to death, injury, loss or damage to my child or property, howsoever caused, arising out of or in connection with my child taking part in this event and notwithstanding that the same may have been contributed to or occasioned by the negligence of the said bodies, or any of them, their agents, officials, servants or representatives.

I HAVE READ AND UNDERSTOOD THIS AGREEMENT AND I AM AWARE THAT BY SIGNING THIS AGREEMENT I AM ACCEPTING FINANCIAL RESPONSIBILITY FOR ANY MEDICAL ASSISTANCE THE ORGANIZERS MAY DEEM NECESSARY FOR MY CHILD'S HEALTH AND SAFETY AND ALSO FOR ANY DAMAGE TO THIRD PERSONS OR THEIR PROPERTY THAT MY CHILD MAY CAUSE AND BE LEGALLY LIABLE FOR.

Student Name (Print): _____ School: _____

Signed this _____ day of _____, 2011 Parent Signature: _____

Witness Name: _____ Signature: _____ Date: _____