

# 2015 KRONOSAURUS KORNER SCHOOL CHALLENGE

## FOR THE CONTACT TEACHER

Thank you for considering enrolling your school in the inaugural year of the KRONOSAURUS KORNER SCHOOL CHALLENGE. It is our hope that your students find the competition a unique and valuable learning experience. It is meant to be challenging, different and most of all fun.

The task (like a sport) has been designed to appeal to a range of students. A wide range of outcomes are possible. That is why the same task has been assigned to teams in three grade ranges, Junior Gr 5-6, Intermediate Gr 7 and Senior Gr 8-9.

It is expected that a team will work cooperatively on the competition task and produce one team submission. A team will have no fewer than 3 members and no more than 5 members. It is expected that students will decide how they will organise themselves to work on the task and produce their joint submission. (Teachers can act as facilitators in this.)

The competition starts on 9AM Friday October 30, 2015 and ends at 9AM Friday November 6, 2015. Teams have one week (7 x 24 hours, exactly) to complete their submission and send it to us through you. As already mentioned, it is left to you and your students to determine how each team operates during that period of time. Some may wish to run several meetings at lunch times, or after school. Some may wish to take on specific tasks as home assignments. Students should feel free to carry out any research they deem necessary for the project. Students should feel free to seek feedback on their ideas from non-team members. It is important, however, that a team's submission be created by team members only using strategies, results and presentation agreed to by the team.

School submissions will be assessed by members of individual teams themselves, by you the teacher and thirdly by judges at Kronosaurus Korner. Students should be made aware of how their work will be other-assessed and self-assessed at the beginning of the challenge. Students will submit a mark for their work out of 50, teachers a mark out of 50 and the judges a mark out of 100. The assessment instruments to be used are available at our website [www.kronosauruskorner.com.au](http://www.kronosauruskorner.com.au).

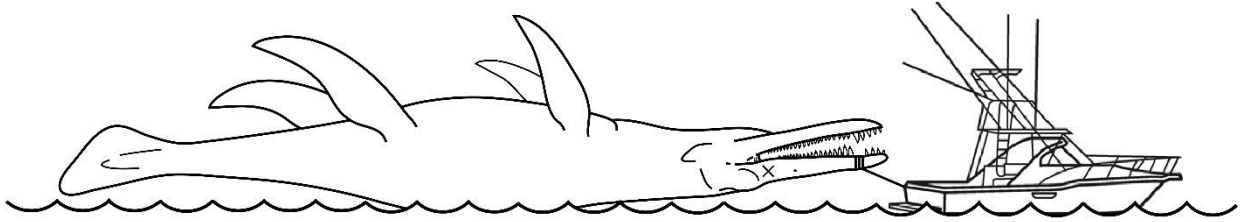
You will be responsible for submitting no more than one submission per level of team participating in your school. If a school fields multiple teams at the same level then it will be the school's responsibility to assess and select their candidate submission for that level.

Please feel free to contact us if you have any queries - Best of luck!

[curator@kronosauruskorner.com.au](mailto:curator@kronosauruskorner.com.au)

# 2015 KRONOSAURUS KORNER SCHOOL CHALLENGE

READ THIS FIRST



- Some fishermen catch an adult *Kronosaurus queenlandicus* in their net.
- They donate the *Kronosaurus* to a charity.
- The charity decides to turn the *Kronosaurus* into barbecued Krono Burgers at their large annual fundraiser.
- The charity asks your team to study the requirements for this Krono Burger fundraiser. The charity asks you to put your findings into a written report.

## YOUR TEAM'S CHALLENGE (3-5 people per team)

Carry out the investigation wanted by the charity.

Make sure your team's report includes:

- An estimate of the number of people that can be served a Krono Burger.
- A shopping list of supplies, equipment and volunteers needed to make the Krono Burgers. Include estimated costs.
- An estimate of the amount of money the charity can expect to make from the sale of the Krono Burgers.

**YOU MUST SUBMIT YOUR REPORT IN EXACTLY ONE WEEK!**

**GOOD LUCK!**

# OUR TEAM'S SCORE

SCHOOL: \_\_\_\_\_ TEACHER: \_\_\_\_\_

TEAM LEVEL (circle one) Junior Gr 5-6    Intermediate Gr 7    Senior Gr 8-9

1. We made a good plan for handling the challenge .....    \_\_ / 4
2. We did a good job collecting data for the report .....    \_\_ / 4
3. We double-checked all our calculations .....    \_\_ / 4
4. Our report explains what we did and why we did it .....    \_\_ / 4
5. We have confidence in all our conclusions .....    \_\_ / 4
6. We checked our report for spelling and grammar .....    \_\_ / 4
7. Our report is well written and easy to read .....    \_\_ / 4
8. Our report is neat and attractive .....    \_\_ / 4
9. Our report is complete .....    \_\_ / 4
10. Each team member made a positive contribution to the report ....    \_\_ / 4
11. Our team enjoyed the Challenge .....    \_\_ / 4
12. The Charity should be happy with our report .....    \_\_ / 6

TOTAL    \_\_ / 50

# 2015 KROSAURUS KORNER SCHOOL CHALLENGE

SCHOOL: \_\_\_\_\_ TEACHER: \_\_\_\_\_

ADDRESS:

CONTACT: Tel: \_\_\_\_\_ e-mail \_\_\_\_\_

TEAM LEVEL (circle one) Junior Gr 5-6    Intermediate Gr 7    Senior Gr 8-9

TEAM MEMBERS (print)

- 1 \_\_\_\_\_ 2 \_\_\_\_\_
- 3 \_\_\_\_\_ 4 \_\_\_\_\_
- 5 \_\_\_\_\_

## TEACHER" EVALUATION FORM

- 1. Initially team needed minimum level of assistance from me .....    \_\_ / 4
- 2. Team did a good job collecting data .....    \_\_ / 4
- 3. Team made reasonable estimates and assumptions.....    \_\_ / 4
- 4. Team was self-directed.....    \_\_ / 4
- 5. All members of this team made positive contributions.....    \_\_ / 4
- 6. Team members demonstrated good interpersonal skill.....    \_\_ / 4
- 7. Members demonstrated creativity & problem solving abilities...    \_\_ / 4
- 8. Team edited and refined their draft report .....    \_\_ / 4
- 9. Team members demonstrated good communication skills.....    \_\_ / 4
- 10. Team report is complete. ....    \_\_ / 4
- 11. Team made good use of time.....    \_\_ / 4
- 12. This team (and teacher) enjoyed the Challenge.....    \_\_ / 6

TOTAL    \_\_ / 50

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## JUDGE'S RUBRIC

13. Well-researched .....	__ / 20
14. Reasonable assumptions and estimates used.....	__ / 10
15. Arithmetically correct.....	__ / 10
16. Report well-organised and clearly communicated.....	__ / 20
17. Convincing and well-reasoned conclusions.....	__ / 10
18. Comprehensive.....	__ / 10
19. Interesting and entertaining...	__ / 20

TOTAL \_\_ / 100

# 2015 KROSAURUS KORNER SCHOOL CHALLENGE

(SOME SUGGESTIONS TO TEACHER)

## GETTING STARTED

ON FRIDAY OCTOBER 30<sup>TH</sup>

1. ASSEMBLE TEAMS
2. PROVIDE TEAM MEMBERS WITH COPY OF CHALLENGE.
3. READ THE '*READ THIS FIRST*' TO STUDENTS.
4. GIVE THEM A FEW MINUTES TO READ AND DIGEST THE '*YOUR TEAM'S CHALLENGE*'
5. FACILITATE BRAINSTORMING SESSION RELATED TO DEVELOPING A TEAM PLAN TO TACKLE THE CHALLENGE.
6. HELP TEAM SET UP SCHEDULE THAT WILL RESULT IN A REPORT THAT YOU CAN SCAN AND SUBMIT BY THE FRIDAY NOV 6 DEADLINE.

## SUBMITTING TEAM REPORT

ON FRIDAY NOVEMBER 6<sup>TH</sup>

1. COMPLETE YOUR TEAM ASSESSMENT / INFORMATION SHEET, ALONG WITH ANY COMMENTS YOU WISH TO MAKE AND ANY SUGGESTIONS YOU MIGHT HAVE FOR IMPROVING THE SCHOOL CHALLENGE.
2. ENSURE TEAM ASSESSMENT SHEET ACCOMPANIES THEIR REPORT. ENCOURAGE TEAM MEMBERS TO ADD THEIR COMMENTS AND SUGGESTIONS FOR IMPROVING THE CHALLENGE.
3. SUBMIT REPORT.