

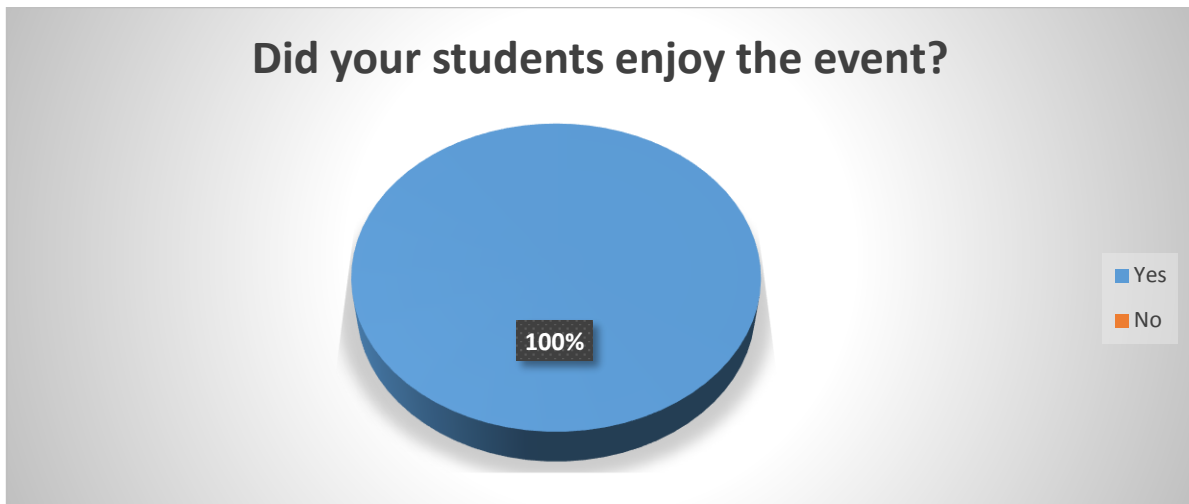


Medway Education Business Partnership
K'Nex Summer Challenge 2017
Teachers Evaluation



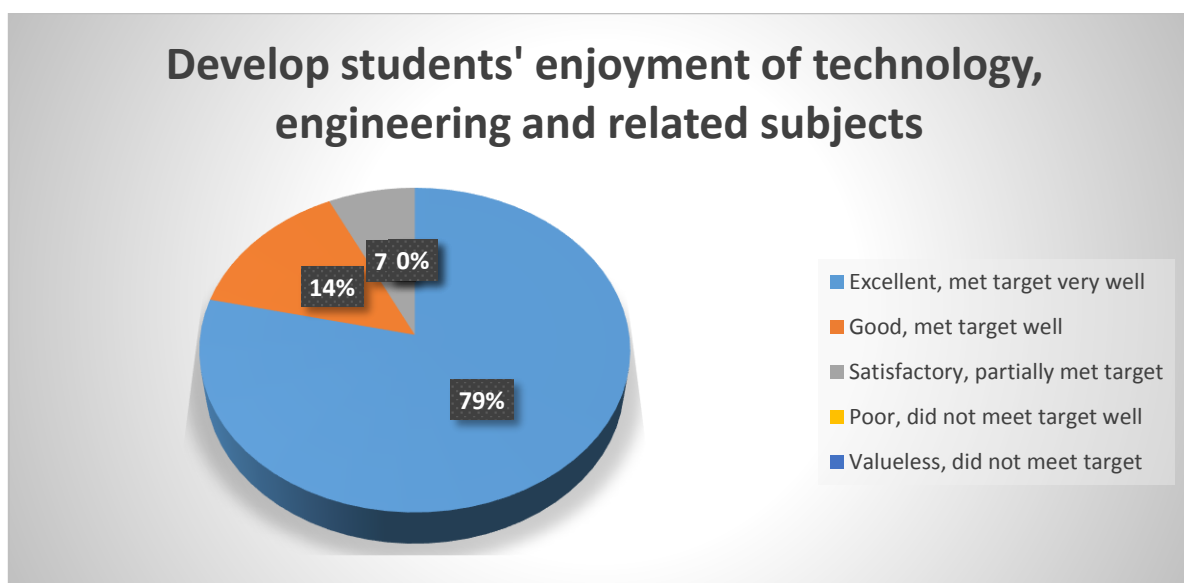
Over 1,000 KS2 pupils took part in the in school engineering challenge, designing and making a mechanical structure, and testing their designs competitively. The best team in each school wins a place at the county final. Teachers evaluate against the aims set for the activity.

No of Respondents: 14

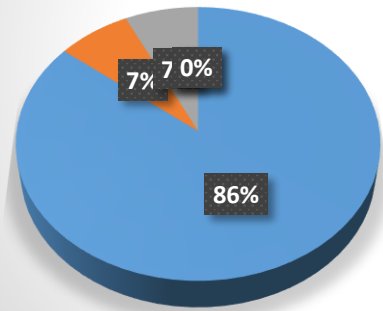


ACTIVITY OUTCOMES

How well did the activity do the following?

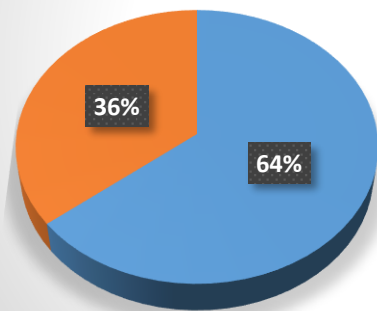


Enthuse and inspire students with technology and engineering by involving them in practical exercises



- Excellent, met target very well
- Good, met target well
- Satisfactory, partially met target
- Poor, did not meet target well
- Valueless, did not meet target

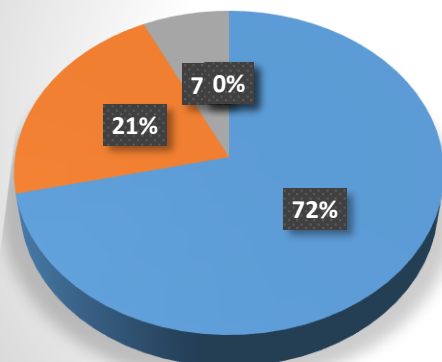
Enable students to develop their key skills, particularly in teamwork, communication and problem solving



- Excellent, met target very well
- Good, met target well
- Satisfactory, partially met target
- Poor, did not meet target well
- Valueless, did not meet target

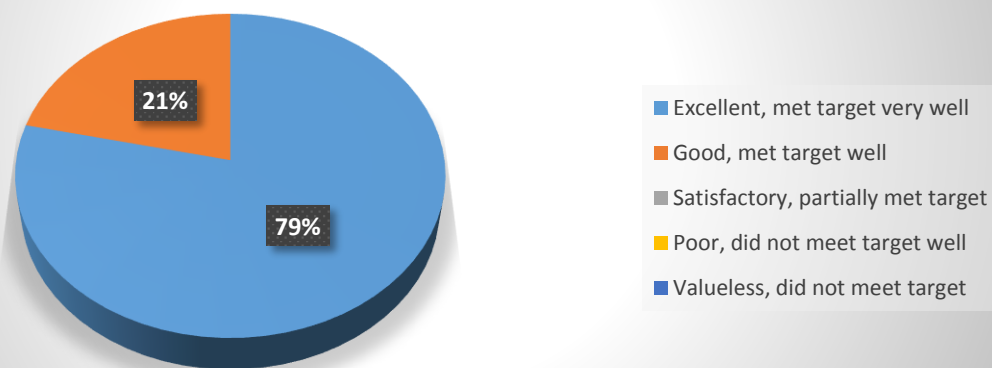
QUALITY ASSURANCE

How would you rate the quality of the information you received prior to the event?



- Excellent, met target very well
- Good, met target well
- Satisfactory, partially met target
- Poor, did not meet target well
- Valueless, did not meet target

How would you rate the service you received from MEBP on the day?



Do you have any further comments or observations you would like to make?

- Children love the KNEX challenge - well led by Sam! Thank you. Very good use of questions for the children to explore solutions rather than telling them the answers.
- Excellent day, well planned out and all children really enjoyed it.
- He started with thought-provoking discussions about engineering and its applications, the pace was fast but necessarily so for all the stages of their build, great to celebrate the results all together. Some web links or ideas about following up this morning would be welcome.
- Introduction was too long as children were switching off
- It was a well organised event from start to finish. All of the children were enthusiastic and focused throughout the whole event.
- Our children thoroughly enjoyed the experience today with Sam. It fitted in perfectly with our STEM focus and drive to show greater collaboration, resilience and commitment to their learning.
- Sam (who led the session) was excellent! He really got the children enthusiastic about their challenge and spoke really positively to them. We have a bit of a tricky year group but they were all focused on their tasks so thank you!
- The information about science and engineering was pitched too high for some of the students. This then lead to the students becoming unengaged in what was being said. The students would have preferred more hands on time and less discussion time although they did enjoy their morning.
- The project is a fantastic way for children to test and explore their ideas. It is a great team building opportunity.
- To provide more structured feedback for children to work on - could there be a point system for including certain features. This could have been highlighted during the final test where we could have discussed why certain boats didn't go as far as others. Also ~ maybe a boat designed by a professional could of been shown at the very end and the features discussed to highlight why certain boats didn't go as far as others.

Finally, we would welcome any comments from the pupils who took part in the challenge:

- All enjoyed it.
- Amber - I enjoyed working as part of a team. Olivia - It was good to learn outside of the classroom and make things. Paddy - I really had to think hard about the best solution. My

ideas on paper didn't always work so it was great to be able to experiment with the equipment. Scarlett - I really liked that we had the time and space to build our ideas.

- I will write a compilation of pupil comments after the next workshop
- It was a really fun morning and I learnt lots about working as a team and that it doesn't matter if things don't go right first time (Year 6)
- It was fun because we learnt new skills. It was interesting because we had a choice of materials for the final project.
- It was great fun working with KEX . I don't have it at home. I liked working with people I don't ordinarily get to work with.
- overwhelmingly the majority said they thoroughly enjoyed the challenge
- Some comments said to me during the day: 'I think this is maybe my best day in school.'
'When will we have another Challenge? That was fun.' 'I really like our boat. We keep re-testing it to make it better and now it's the best.'
- They really enjoyed the activity.
- We loved it!