



presents

National All Rounder Championship

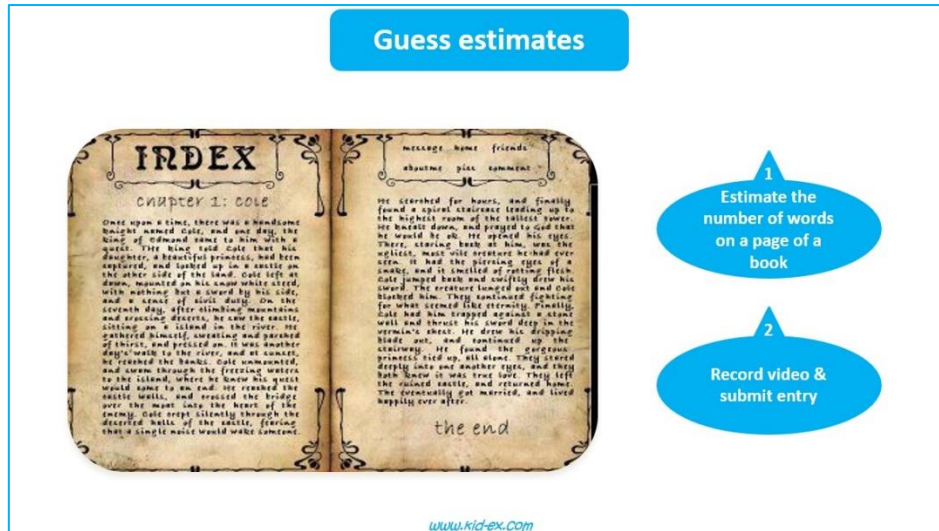
1 May 2021 - 31 July 2021

Self-Learning Manual: Activity 09

Cognitive skills:

Guess estimates

Age: 5 years



Activity description

The child is required to estimate the number of words on a page. The child should pick any non-pictorial book. You can select books which are age appropriate for child basis number of words in a page e.g. <25 words in a page for Age 4, <100 words in a page for Age 5, <300 words in a page for Age 6.

Let the child open any random, non-blank page in the book. For the sake of this exercise, we will stick to the left-hand side page of the book.

The child is required to estimate the number of words on the page (for this exercise, we count every word even, articles “a”, “an” & “the”). Then, the child is required to count the words in that page itself to check if the child’s estimate was correct.

The child should try this exercise multiple times & once the child is doing well, record the child’s video doing this activity. At the start of the video, open the book to land on a page, call out the estimated words on the left side page & then do the actual count to compare estimate versus actual count.

Let the child record the entire performance at one go. No video editing is allowed & any video found to be edited/doctored would be disqualified. Whenever the child is ready, record a video and submit.

Assessment guidelines

The total non-bonus points for this activity is 30. Every submission would be rated as either of below.

M = Master
(100%)

The child can predict correctly (+/- 10% precision) for a page with >50 words & demonstrate the measurement correctly

The child can predict correctly (+/- 20% precision) for a page with >50 words & demonstrate the measurement correctly

I = Intermediate
(80%)

B = Beginner
(50%)

The child can predict correctly (+/- 30% precision) for a page with >50 words & demonstrate the measurement correctly

For participating in the event & making an event relevant submission which does not meet assessment guidelines for M, I or B.

A = Aspirant
(25%)

NA (Not applicable)

No submissions or any submission which is irrelevant for the activity.

50% bonus marks: If the child securing an M can predict correctly (+/- 10% precision) for a page with >100 words & demonstrate the measurement correctly

Expert coach speaks

Encourage the child to just estimate how many words could be on the page without using any framework. This exercise will let the child subconsciously develop his/her own guess-estimate framework and you would notice that the correctness of the estimate has started to improve. This exercise will train the child's mind for observation & pattern recognition.

This approach will let the child achieve a level of precision – let's say 80% correct. Now, is the time to introduce the child to guiding frameworks to improve the estimation.



Key benefits of this activity

The activity benefits in many ways:

- Improves logical thinking and reasoning abilities
- Helps make reasonable guesses to seemingly difficult to solve problems
- Opens mind to deal with complexity, probability, and possibility
- Promotes mathematical skills and strategic thinking

Common mistakes to avoid

- *Child is not familiar with counting beyond a particular limit (e.g. 20)*
- *Do not let the child estimate directly – make the child count words on a few pages to create a reference point subconsciously*
- *Do not force the child to do the activity if the child is not interested*

Useful web resources

- [Counting objects](#)
- [Counting 1 to 50](#)
- [Counting 1 to 100](#)
- [Counting 1 to 200](#)

Submissions start 11th May 2021. To submit your entry, visit our website (www.kid-ex.com). For any queries, email us at info@kid-ex.com.

Keep learning! Keep growing! Stay happy! Be successful!