

THE LEVEL OF PARENTAL INVOLVEMENT IN PLAY ACTIVITIES AT HOME BY INFLUENCING CHILDREN'S DEVELOPMENT: VALIDITY AND RELIABILITY

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BACKGROUND

- The level of parental involvement in knowledge and readiness for play activities at home influences children's development.
- Tan Poh Yoke (2014) stated that parents play a primary role in child development.
- The Malaysian Education Development Plan (PPPM 2013 - 2025) has stated that parental cooperation and involvement play a crucial role in contributing to the success of education in our country.
- Activities that involve adults make the play more dynamic and engaging, enabling the exploration of various learning experiences, and fostering a close relationship between parents and children indirectly (Cai, 2022).

STUDY OBJECTIVES

● Objective 1

To determine the validity of the questionnaire on The Level of Parental Involvement in Play Activities at Home by Influencing Children's Development based on expert approval.

● Objective 2

To determine the reliability of the questionnaire on The Level of Parental Involvement in Play Activities at Home by Influencing Children's Development.

Validity: Content Validation

Content validity index (CVI) is widely used index in quantitative evaluation to determine the relevancy of the scale. There are 2 types of CVI: I-CVI (item level) and S-CVI (scale level). Prior to the calculation of CVI, the scale is dichotomized by recoding all responses with 3 as 1 and all responses with 1 and 2 as zero. Where 1 means 'relevant' and 0 means 'not relevant'.

Reliability: Pilot Study

Vasileiou et al. (2018) stated that the optimal sample size range for a pilot study is between 15 to 30 respondents. A total of 17 lecturers and staff at the Tengku Ampuan Afzan Teachers' Institute (IPGKTAA) were selected as the pilot study sample. A pilot study is carried out to determine the study's reliability based on the Cronbach's Alpha value for the questionnaire.

RESULT & DISCUSSION:

FACE VALIDITY

| No. | Items | Review |
|----------------|---|--|
| 1. | The instrument format is suitable and attractive. | Interesting |
| 2. | The items measure the desired domains. | Suitable |
| 3. | The language used is easy to understand. | Yes |
| 4. | The font size is suitable and easy to read. | Yes |
| 5. | The meaning of each item is clear. | Yes |
| 6. | The number of items is sufficient. | Yes |
| 7. | The objectives are clear. | Clear |
| 8. | The instructions are clear. | Clear |
| 9. | The spelling is correct. | Yes |
| Overall Review | | The production of the instrument is attractive. Good luck. |

The expert provided positive feedback, such as the questionnaire format is suitable, attractive and interesting. All of the items measured are suitable to the desired domains. For overall review, the production of the questionnaire is attractive.

RESULT & DISCUSSION: CONTENT VALIDITY

| Sections | Total Item | S-CVI Score |
|--|------------|-------------|
| Section B: Level of Parents' Knowledge Regarding the Importance of Home Play Activities | 15 | 0.91 |
| Section C: Level of Parents' Readiness for Home Play Activities | 15 | 0.93 |

The average results scale content validity index (S-CVI) of each expert review on the items ranged from 0.91 to 0.93, suggesting that no questions required repetition.

RESULT & DISCUSSION: PILOT STUDY

| Sections | Total Item | Cronbach's Alpha Score | Interpretation |
|---|------------|------------------------|--------------------------|
| Section B: Level of Parents' Knowledge Regarding the Importance of Home Play Activities | 15 | 0.95 | Very good and effective. |
| Section C: Level of Parents' Readiness for Home Play Activities | 15 | 0.91 | Very good and effective. |
| Overall Cronbach's Alpha Value | | 0.76 | Good and acceptable. |

The Cronbach's Alpha Score of 0.95 and 0.91 for Section B and Section C respectively are good and effective. Overall, the Cronbach's Alpha Value for the questionnaire The Level of Parental Involvement in Play Activities at Home by Influencing Children's Development is 0.76 which is good and acceptable.

DISCUSSION

- The analysis reveals that the average Cronbach's Alpha coefficient values exceed 0.76. This indicates that all items in the study are suitable for use in the questionnaire, and no items need to be modified based on Cronbach's Alpha if item deleted to obtain a better Cronbach's Alpha reliability coefficient in the actual study.
- According to Ursachi et al. (2015), the Cronbach's Alpha coefficient between 0.6 - 0.7 indicates an acceptable level of reliability, and 0.8 or greater a very good level.

CONCLUSION

- The study found that the questionnaire developed has achieved a good and acceptable level of reliability (Cronbach Alpha value = 0.76). All 30 items are suitable for use, and there are no items that need to be revised.
- In conclusion, the questionnaire of The Level of Parental Involvement in Play Activities at Home by Influencing Children's Development has good validity and reliability and is suitable for measuring each domain within the questionnaire.

REFERENCES

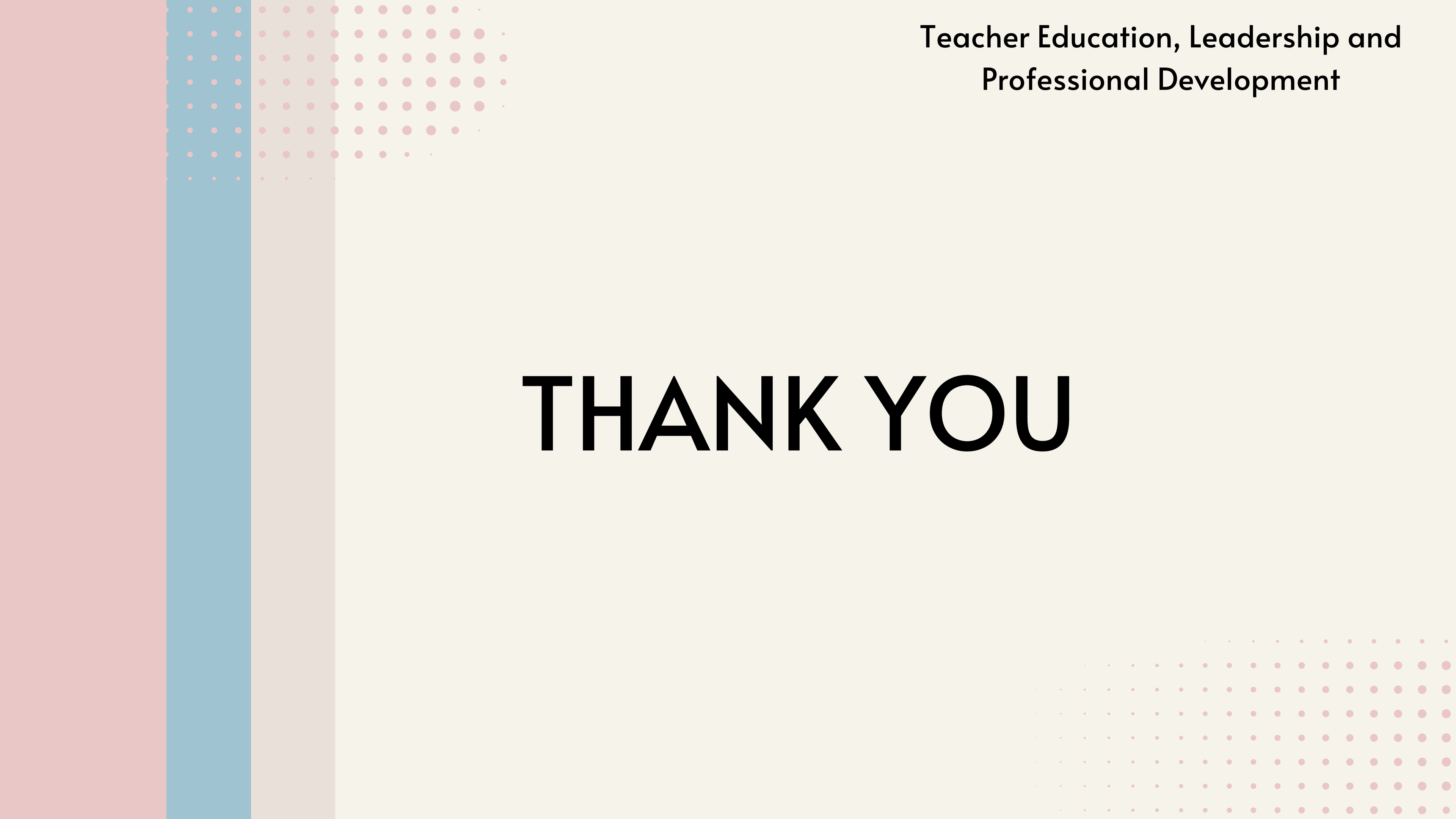
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THANK YOU