

WHY CHOOSE FRACTION AND DECIMAL FOR THIS CARD GAME

RESEARCH SHOWED THAT:

Students view fraction as isolated digits, treating the numerator and denominator as a separate entities that can be operated on independently and one of the major source of difficulty in students' learning in fraction can be multiple meanings like part/whole, decimals, ratios, or quotients. Students understanding of fraction are very rote, limited and dependent on the representational form.

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RESEARCH Fractions are too difficult to learn. Fractions can be a difficult concept for a child to grasp. Misconceptions >They are counter-intuitive and unnatural.

•Using game as a pedagogical approach have proven to be most suitable for the primary school learners (Aldridge & Badham, 1993). Research has shown that it is one of the most effective pedagogical approach to get pupils to be engaged in their learning (Davies, 1995). My teaching experiences as a lecturer using this method to deliver the content in the MTE3109 and MTE3111 papers for the PISMP programme since 2003 have met with many successes year after year. I usually conduct a 5 hour lecture session/tutorial/practical which almost always uses game as part of my delivery ensemble. My trainees became good at creating games for their teaching practice or for their coursework

WHY DESIGN FRACTION DECIMAL CARD GAME? >Fun for students to play and make Effective, authentic and challenging way to make learning fractions/decimals more engaging to develop understanding of fractions and decimals, Lessen the tension the student feels when dealing with fractions. ✓ Having the students help to create the game

also reinforces the information they can retain about fractions.

Kathy Foust

WHY FRACTION DECIMALCARD GAME (CONTD.)

- Image of the second second
- Dull and boring is how most kids think of learning fractions and decimals
- Addresses Misconceptions in fractions and decimals

WHAT DOES THE CARD LOOK LIKE?? VERSION 1.1

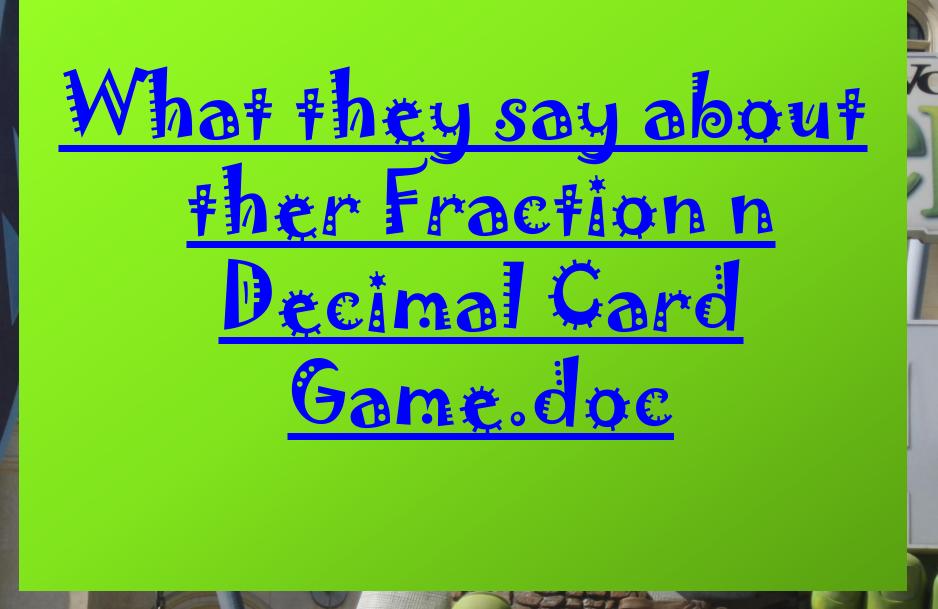
VERSION 2.2

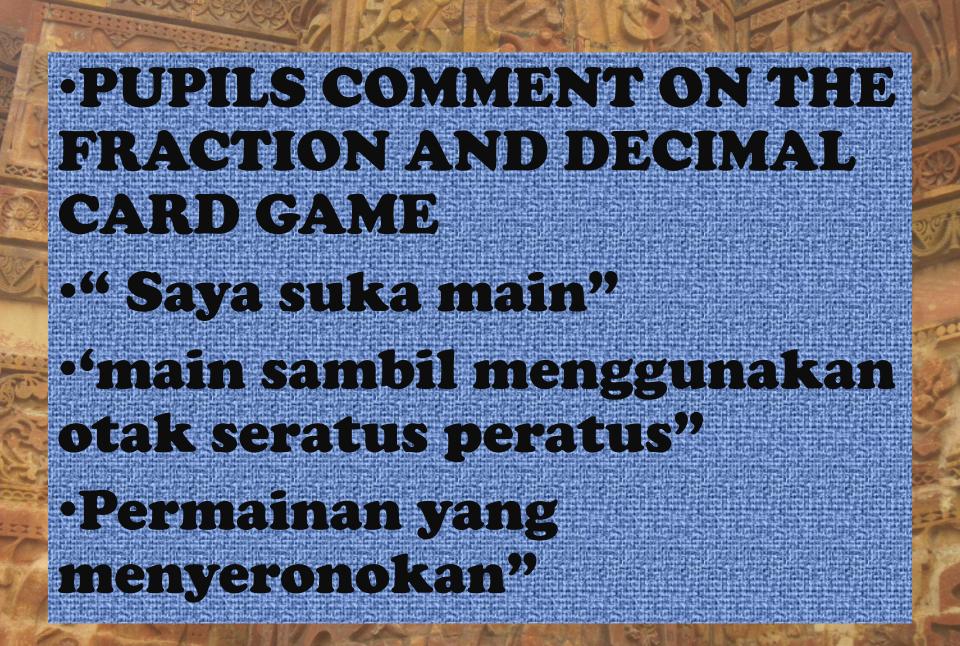
VERSION 3.3

How to play the game??? <u>Rule of Games.doc</u>

PUPILS ENJOYING THE GAME

Fraction Card Game Pic





"membuka dan menguji minda" "dapat belajar dengan cepat" "menyenangkan fikiran" "mengeratkan siratulrahim" "membantu kita dalam peperiksaan"

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" bagi saya faham" "boleh mengetahui pecahan dengan senang" " mengisi masa lapang" "sangat ceria" "tidak pening"

HOW TO PLAY

SUGGESTED GAVIES

SEE VIDEOS



HAVE FUN PLAYING THIS GAME