

A GAME IDEA FOR STUDENTS

Many students will know word games like 'word building' 'scrabble' 'anthakshari'

Palindrome is a word which remains the same when read forward or backward. This means: read from left to right or read from right to left the word will not change.

Simple examples are 'mom' 'dad' – not mummy or daddy.

For children, here is a game ;

Part 1:

Person A says a word. Person B says whether it is a palindrome or not .

Example - A: nun B: yes ok [if you want, give 1 score]

B: noon A: yes ok [if you want give, 1 score]

A: god B: not ok [if you want, give 1 score]

This is a simple game

See the picture here, taken from internet www.yourdictionary.com.



Here mirror reflection is shown. I call them '**mirror words**'. They are a special form of palindromes.

Part 2 . Next level of the same game :

After getting 'yes' answer , next question is " Is it a mirror word?"

Example: 'MOM'

Is it a palindrome? Ans: yes . Is it a mirror word? yes

"DAD"

Is it a palindrome? Ans: yes. Is it a mirror word? No

[Now you can see there are mistakes in the above picture. Ask your teacher which ones are wrong and why. This tells us that we should not blindly copy and paste www matter. Think, understand and then use. Part 2 of this game must be in CAPITAL LETTERS.]

I give here some of our local words :

ALLA [without 'h'] ,AMMA, ANNA, BOB, CIVIC, DID, EYE,
KAYAK, LEVEL, MUM, PUP, RADAR, WOW.

Also MADAM, MALAYALAM , SARAS [a bird]

[Children who are interested to know the reason why www is wrong
,please be bold to go and ask any teacher or elder]

Palindromic numbers are innumerable.

That means there are very many of them; like stars in the sky. Or
hair on your head [not on grandpa's head} e.g 11, 77, 88 , 909.
1551

Here also the game can be played the same way.
Mirror numbers are, as before, a subset of palindromes

[Just for fun use your calculator and see if powers of 11 are
palindromes. i.e 11, 11x11, 11x11x11x11x11 etc.]

For teachers and other elders:

Physics and mathematics teacher can help. Be ready for a class on
'laws of reflection of light' and words like 'lateral inversion'. She may
also say, each individual entity [in our game, letters of the alphabet]
must have 'symmetry' [about the vertical axis].

With or without all explanations actually showing a mirror will be
effective.

For this reason of symmetry , part 2 of the game only capital letters ,
upper case, will work. E.g A is ok next is only H .other letters in
between are not mirror letters. Small a and h are not ok.

For 'mirror numbers' also, they should be written neatly without any
decoration, 1 is not ok. I as one is ok. 0 , 8 are ok.