

## ANOTHER VIEW OF PHYSICS

Physics started with reality as our senses perceived it, but it has gone well beyond that stage and introduced concepts completely alien to the layman. Nevertheless, popular physics has got much to be said for it. We become acquainted with it as we grow up, and we certainly become adept at adjusting our behaviour to its laws. The footballer curling his shot into the corner of the net; the tennis player serving accurately at a speed of a hundred miles an hour into the corner of the service court; the high-jumper clearing a bar at a great height – these are all making use of an acquired knowledge of the laws of physics, including those applying to gravitational forces, without any knowledge whatsoever of experimental physics. The man in the street knows a great deal of practical physics, without having any knowledge of scientific principles.

(from *Rebel with a Cause* by Hans Eysenck, 1990)

**Transcribe your text here:**

**This is the key:**

'fɪzɪks 'stɑ:tɪd wɪð ri'æləti əz ɑ: 'sensɪz pə'si:vɪd ɪt | bət ɪts 'gʌn 'wel bi'ʌnd ðæt 'steɪdʒ | ən  
 ɪntrə'dʒu:st 'kɒnsɛpts kəm'pli:tli 'eɪliən tə ðə 'leɪmən || nevədə'les | 'pɒpjələ 'fɪzɪks hæz 'gʌt  
 'mʌf tə bi 'sed fə r ɪt | wɪ bə'kʌm ə'kwemɪd wɪð ɪt | əz wɪ 'grəʊ 'ʌp | ən wɪ 'sɜ:tŋli bə'kʌm  
 ə'deɪt ət ə'dʒʌstɪŋ ɑ: bə'hervjə tu ɪts 'lɔ:z || ðə 'fʊtbɔ:lə 'kɜ:lɪŋ hɪz 'fʊt 'ɪntə ðə 'kɔ:nə r əv ðə  
 'net | ðə 'tenɪs plɛə 'sɜ:vɪŋ 'ækjərətli | ət ə 'spi:d əv ə 'hʌndrəd 'maɪlz ən 'aʊə | 'ɪntə ðə 'kɔ:nə r  
 əv ðə 'sɜ:vɪs kɔ:t | ðə 'haɪ dʒʌmpə 'klɪərɪŋ ə 'bɑ: r ət ə 'grɛɪt 'hɑ:t || 'di:z ə r 'ɔ:l 'meɪkɪŋ 'ju:s əv  
 ən ə'kwærəd 'nɒlɪdʒ əv ðə 'lɔ:z əv 'fɪzɪks | ɪŋ 'klu:dɪŋ ðəʊz ə'plʌŋ tə grævɪ'teɪʃənɪ 'fɔ:sɪz |  
 wɪð'aʊt 'eni 'nɒlɪdʒ wɒtsəʊ'evə r əv ɪksperə'mentl 'fɪzɪks || ðə 'mæn ɪn ðə 'stri:t | 'nəʊz ə 'grɛɪt  
 'di:l əv 'præktɪkl 'fɪzɪks | wɪð'aʊt 'hævɪŋ 'eni 'nɒlɪdʒ əv saɪən'tɪfɪk 'prɪnsəplz ||