

\$ 3URSRV~~W~~DI~~0~~)DFXOW\ 6HQDWH RI 6WRFNWRQ 8QLY  
)DFXOW\ WR (PUEH~~U~~D~~F~~H~~D~~%GLLQW

)URP WKH 6WXGHQW 6HQDWH RI 6WRFNWRQ 8Q  
9LFH 3UHVLGHQW )DXONQHU  
6HQDWRU (GZDUGV  
6HQDWRU 9HOD]TXH]



1DPH EDVHG ELDV FDQ DOVR DIIHFFL WQVHRVQDGEV RI VW  
QDPHV 6WXGHQWV ZLWK QDPHV WKDW HDG HWRLQRULKXUV BXD  
SUDFWLHV WKDQPLVWKGHWWRZLQVKQRQDPHV HYHQ ZKHQ V  
ZHUH VXEPLWWHG IRUODDORXILQJ7KRFN WHLQVVR :HQ 6SULH

7KLV LV UHJDUGOHVVLRQIFW KHWKGBQWUR ZEPWK\SHQRULWV  
RQOLQH FODVVHV DUH DOVR&RQDMFHWKXQHBWVKLHVQWVSHLRV  
OHDUQLQJ FIDVDEDOVRWELHXQGHUPLQHG ZKHQ QRQUHOHYDQV  
LQWR JUDGMLHJDHDUQLQJHFKDDVLYHIIQVHWKH HGXFDWRU↑V DWV  
VWXGHQWFKOMHQ 38LDWH

%LDQUDGLQJ FDQ WDPV XGHRQWGHZLWKLSQHQGFDVQWQJH  
NQRZQDOR HQHFMDDORXPHUWRQ DQG FRQGXVWVHG D VWXG  
ZKHSUHRIVVRUV ZHUH JLYHQ WKH VDPH DVVLJQPHQW IRU W  
SUHVHQWWRWXLRQWKH RUDO SUHVHQWDWLRQ DQG WKH ZULW  
2QH VWXGHQWVGLKLSUHVHQWQWQWRSCHUWRKUPRWMHMRGLVJDYH  
KLJKHU JUDGHV WR WKH VWXGHQW ZKR SHUIRUPHG ZHOOL  
DVVLJQPHQW ZDV XQUHODWHDG RVRIW KWHLQD ODSWKPHDQ &RWD  
(PPHWRQ IRXODGMLUPLFDQJLULPLRQSVWVWHRV WKH KDOR HIIHF

BB

### 7KH 9LVLRQ

,Q WKH VSLULW RI EHLQJ OHG ESURHSRVDLQFKHDQNG/ EHRV SUSRVD  
UHFRPPHQGDWLRQ IRU IDFXOWUDRLEQQJDRH WKHELSXWSRVH F  
UHFRPPHQGDWLRQUBGDQJ LV EHLQJ GHILQHG DV JUDGLQJ V  
SRVVSEEMHQPSOLKFLWRI WKHWRLDQHOXHQFLQJ WKH JUDGLQJ  
7KHUH DUH YDULRXV ZD\W WKDW WKLV FRXOG EH GRQH 7KH  
JUDGLQJ KDYSQUVDVHJDFGHG RU E\ FRQFHDOLQJ WKH LGHQW  
LV EHLQJ7KHUFGHGHFWLYH RI WKLV SUDFWLHV LV WR FXUE W  
JUDGLQJ E\ ZKHPSRYMLQJE OH YDULDEOHV WKDW PLJKW LPSOLF  
SRVVLEOH XQLQWHQGHG SRVLWVWXGRHQWZVWKHGHG YQDSDHDF  
PRUH IDLSURIDVGRUV FDQ EH PRWLYDWHG E\ WKH IDFW WKD  
OLPHMQWQXHQFH RI LPSOL-DEHW &RZOLQJpJDDQ GAI/@R...D 0  
BB

### +RZ"

7KH OLWHUDWXUH SUHVHQWV GLIIHUHQW VWUDWHJLVH WKD  
RI WKH H[WHQVLYH UHVRXUFH UHTXLUPHQW RI VRPH VWUD  
SURSRVDO ZLOO UHFRPPHQGDVGRVLRQQRQH PDLQ

E H F DLXW HL V

7KH DWH LQGLYLGXDO F DVHV LQ ZK LFRQ WFLWK WWOJ DW HEJH R HD  
DQG PD\ UHTXLUH PRUH HIIRUWV IURP LQVWUXFWRUV KRZH  
WKLV VW\OH RI JUDGLQJ WKH PRVW, QPSRUWDQXV R IDZ/K WFKR  
SURIHVVRUV FRXOG WU\ WR FRQVLGHU GLIIHUHQW ZD\ LQ  
WKLV UHFRPPHQGDWLRQ LV WR UHGXFH WKH LPSDFW WKDW  
ELDVHH HQYLURQPHQW HDWLR FNMURQW \$Q\ WFKDW D SURIHVV  
REMHFWLYH ZRXOG EH YHU\ HQFRXUDJHG

5HIHUUHQFHV

%RQHIHOG 0 'LFNKIXVHU 2 ELDVHG JUDGLQJ RI  
 QDPBMUIRUPDQFH OHYHO FODIES IN PSYCHOLOGY  
 &RPPXQLW\ 5HODWLRQV 6HUULFHV 7RRQNLW \$RUH3ROXLFHQJ  
 'HSDUWPHQW RI -XVWKLWM/S5HWZLZYKXWURR JRY FUV IL  
 &RQDZD\ : %HWKXQH 6 ,PSOLFLW %LDV DQG  
 \$UH WKH ,PSOLFDWLRQV IRU 2QOLQH ,QVWUXFWLRQ" 2  
 +RIHU 6 , 6WXG\LQJ JHQGHU ELDV LQ SK\VLFV JUDG  
 FRXQW International Journal of Science Education  
 -DFNVRQ 6 0 7KH LQIOXHJHQFHRIULPSOLMLRQWJDDGLQJ  
 HIIHFWLYHQHV RI UXEULFV IRU UHGXFHQJ ELDV  
 .ULVFKOHUWHQ &DLWH ,DQGVHQSUFH WHDFKHUV • DWWLWXGH  
 ZLWK OHDUQLQJ GLILFXOWLHV DQG FKDOOHQJLQJ EHK  
 0DORXII - 0 (PPHUWRQ \$ - 6FKXWWH 1 6 7KH  
 NHHS VWXGHQWV DQRQ\PRXV GXULQJ JUDGLQJ 7HDFKL  
 0DORXII - 0 7KRUVWHLQVVRQ ( %DQDQV R%LDHSLQPLDQ  
 UHVHDUFK Australian Journal of Education  
 0DORXII - 0 6WHLQ 6 - %RWKPD / 1 &RXOWHU .  
 KDOR ELDV LQ JUDGLQJ WKH ZRUM\RKXQRJYHUVLW\ VWX  
 0HFKWHQEJUJ / &KHDS WDON LQ WKH FODVVURRP +  
 JHQGHU GLIIHUUHQFHV LQ DFKLHY The Review of Education HU FKRI