

'HQWDO \$VVLVWLQJ 3URJUDP 5HYLHZ

0DQXHO 'LDJ \$OYDUHV -D\ 3DW\N
\$W /DUJH &ODVVLILHG 6WDM /DUJH)DFXOW\

5DP 6XEUPDQLDP
'HDQ

\$QDQG 9HQNDWDUDPDQ
6DPH 'LYLVLRQ)DFXOW\

5XEULF (YDOXDWLRQ

\$ 3URJUDP ,QIRUPDWLRQ

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|-------------------------------------|---|---|--|
| +RZ PDQ\ FULWHULD DUH \$GURVVWKHDOO | FULWHU \$GURVVWKHDOO | FULWHU \$GURVVWKHDOO | FULWHU \$GURVVWKHDOO |
| 3URJUDP 0LVVLRQ VWDWHFMDQG DUG | 6WDQGDUG | 6WDQGDUG | 6WDQGDUG |
| 5HDGHU)HHGEDFN | 7KH PLVVLQR VWDWHPHQW FOHDUO\ VWDWHV WKH | WRZDUGV D VSHFLILF DFKLHYDEOH DQG | PHDVXUDEOH JRDO H J WR LQFUHDVH |
| | SXUSRVH RI WKH SURJUDP WKH WDUJHW | PHDVXUDEOH JRDO H J WR LQFUHDVH | PHDVXUDEOH JRDO H J WR LQFUHDVH |
| | DXGLHQFH DQG DFP0P P@ 0p°€0`p€p€ p00@ p0p°€ | PHDVXUDEOH JRDO H J WR LQFUHDVH | PHDVXUDEOH JRDO H J WR LQFUHDVH |
| | | GLVFLSOLQHV /LIHORQJ OHDUQLQJ LV D IRRWKLOC | PLVVLQR VWDWHPHQW DQG LW LV JRRG WR |
| | | UHIHUHQFH LW EXW LW VKRXOG EH LQ NHHSLQJ | ZLWK WKH JHQHUDO DSSOLFDELOLW\ RI WKDW |
| | | PLVVLQR QRW VSHFLILFDOO\ WR WKLV SURJUDP , | VXJJHVW WKDW EH DPHQGHG WR VRPHWKLQJ |
| | | DORQJ WKH OLQHV RI LQ OLQH ZLWK)RRWKLOO | &ROOHJH V PLVVLQR WR IRVWHU OLHORQJ |
| | | OHDUQLQJ DPRQJVV PHPEHUV RI WKH | FRPPXQLW\)LQDOO\ HYHQ WKRXJK WKH |
| | | PLVVLQR VWDWHPHQW GRHV QRW QHHG WR EH | PHDVXUDEOH LW LV JRRG WR VHH VRPHWKLQJ |
| | | DP\$GGUHVHV DOO FULWHU \$GURVVWKHDOO | OWKFULWHU |
| | | 6WDQGDUG | 6WDQGDUG |
| | | | 6 |
| | | | 6 |

5HDGHU)HHGEDFN

\$W ILUVW WKH 6/2 LV D OLWWOH RYHUZKHOPPLQJ LI
WKH VWXGHQW LV QRW IDPLOLDU ZLWK WKH

5HDGHU)HHGEDFN

,W SURYLGHV LQVLJKW RQ WKH SURJUDP WKDW WKHU %XQLOJHXDPVWVWHRGLQJ FXBUQRFWOFPPQYHQEVIQRWKDV
 VWXGHQWV ZKR DUH VXFFZHLWVXPRVW)DQKHZLSURJUDPS/UBIQRVLFH WKHS DUH DOSURBGHFWLYGMD ESHUR EOH PW
 PRVW OLNHO\ FRPSOHWH FRKHOSURJUDP WKDW RQO\ D VHW QXPEHU SURGXFWLYLW\ LQ WKH UF
 RI VWXGHQWV DUH DFFHSWHG LQWR WKH EXW LW VHHPV WR EH RQ
 SURJUDP HDFK \HDU FDQ UHVXOW LQ D GLS WKDW RFFXUUHG HDU
 VLJQLILFDQW GURS LQ SURGXFWLYLW\ VKRXOG MXWVLPH WKH GURS ZDV PRUH
 D IHZ VWXGHQWV GURS RXW RI WKH SURJUDP \$OVR WKH WRWDO QXPEH
 GXH WR EHLQJ DFDGHPLFDOO\ XQVXFFHVVIXO DERXW KHUH DUH VPDOO I
 7KLV PDNHV WKH 'HQWDO \$VVLVWLQJ DQ\WKLQJ LQWR WKH QXP
 3URJUDP YXOQHUDEOH WR VL]DEOH VZLQJV LQ E\ WKH DFW\XDOJGQWDRZ
 SURGXFWLYLW\ WKRXOG QRW UXVK WR HQUROOPHQW QXPEHUV PI
 MXGJPHQW LI SURGXFWLYLW\ IDOOV EHORZ SUREOHPIHFWVWV PDIOWLSOH
 +RZHYHDFRUGLQJ WR WKH LQIRUPDWLRQ , P QRW \HW FRQYLQFHG V
 SURYLGHG LQ WKHLUWKHURJUDP 5HYLHZ WKH DQVZHU LI WKHUH L'
 'HQWDO \$VVLVWLQJ IDFXOW\ KDYH FOHDUO\ RQH PLJKW JXHVV LW V D\
 UHIOHFWHG RQ WKLV LVVXH DQG KDYH FRPH XS H[SHULPRQW FRQVWUXFWL
 ZLWK VRPH WHUULILF VROXWLRQV WR KHOS UHWDLOXJJHVWLRQV XVLQJ ELO
 PRUH VWXGHQWV DQG KHOS LQFUHDVH WKHLU PD[LPL]LQJ KHDGFRXQW S
 VXFFHVV LQ WKH SURJUDP 7KHUH PD\ EH D W\SR WU
 VXJJHVWLRQ LV D SURJUDP ZKHUH
 LQVWUXFWRUV ZRXOG WDNH KLJKO\ VXFFHVVIXO
 VWXGHQWV LQ WKH SURJUDP DQG SDLU WKHP
 ZLWK VWXGHQWV ZKR PLJKW EH VWUXJJOLQJ
 ZLWK WKH FRKHUHFZKONG SDLU XS
 GXULQJ FODVVURRP DFWLYLWLHV ZRUNVKHHWV
 ODE DFWLYLWLHV RU MXVW VXSSRUW YLD HPDLO
 2IWHQ KLJK SHUIRUPLQJ VWXGHQWV DUH
 HDJHU WR KHOS RWKHU VWXGHQWV HVSHFLDOO\
 WKR VH ZKR PLJKW SEHVXW XJJOLQJ
 WKH\ DUH D UHVRXUFH WKDW RIWHQ JRHV
 XQWDS7SKLQ VRUW RI LQIRUPDO
 PHQWRULQJ VXSSRUW SURJUDP FRXOG EH
 XVHG LQ FRQMXQFWLRQ ZLWK WKH HPEHGGHG
 WXWRU SURJUDP DQG FRXOG SRVVLEO\ VHUYH
 DV D VXEVWLWXWH VKRXOG WKH FRVWV
 DVVRFLDWHG ZLWK WKH HPEHGGHG WXWRU
 SURJUDP EHFRPH FRVW SURKLELWLYH
 HVSHFLDOO\ LI EXGJHWV EHFRPH WLJKWHU
 JRLQJ IRUZDUG DV D UHVXOW RI WKH
 UHFHVVRQ FDXVHG E\ WKH SDQGHPLF

((QUROOPHQW E\ 6WXGHQW
'HPRJUDSKLFV

'RHV \RXU SURJUDP WKH7KHIGUHQFH EHWZHHQ WKHIGUHQFH EHWZHHQ WKHIGUHQFH EHWZHHQ WKH JHQGHU VH[
 SHUFHQW DJH RI PDOHV WRVH EDOVWULVWKDQV 1HVGJUDMRW WKDQ 1HVGJUDMRW WKDQ 1HHGV ODMRU
 PRVW UHFHFRPSHDDUH WR ,W SURYHPHQW WR OHHW WRBURYDQGDUGWR OHHW WRBURYDQGDUGWR OHHW WKH 6WDQGDUG
 &ROOHJH" &ROOHJH
)HPDOH 0DOH

'RHV \RXU SURUUDQP HQUROOPHQW
GLVWULEXWLRQ DPRQJ HWKQLF JURXSV LQ WKLV
PRVW UHFHQRPSHDDUHG WR WKH
&ROOHJH HQUROOPHQW E\ HWKQLF JURXS"

&ROOHJH HQUROOPHQW HQUROOPHQW HQUROOPHQW HQUROOPHQW GRHV QKW HQUROOPHQW GRHV QKW HQUROOPHQW PMUUR
E\ HWKQLFLW\ \$IULFDQH\$PHULFDQVWULEXWLRQ FRIHOMMMKQLFVGLQGDUGXWRBQHMMKQLF GLVWULEXWLRQ LF1BHWULEXWLRQ
\$VLDQ)LOLSLQ[/DWLQ[6RPH ,PSURYHPHQW WR 0HFWHW,PSURYHPHQW WR 0HHW WKH
1DWLYH \$PHULFDQ 3DFLILF ,VODQGHU 6WDQGDUG 6WDQGDUG
:KLWH 'HFOLQH WR 6WDWH

+RZ PDQ\ FULWHULD DUH FKW QQUUDHWGDHW DQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH
WUHQQ QDUUDWLYH H[SOBQDWHEBQDIRUHHQWRVCKPH6WDLQGDUG 0HHWV WKH 6WDLQGDUG 0HHWV WKH 6WDLQGDUG 0HHWV WKH 6
E\ HWKQLFLW\"

+RZ PDQ\ FULWHULD DUH FKW QQUUDHWLYH LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH
SURSRVHG DFWLRQ QDUUDWLVWHURD HQURDOPHQW6WDLQGDUG 0HHWV WKH 6WDLQGDUG 0HHWV WKH 6WDLQGDUG 0HHWV WKH 6
E\ HWKQLFLW\"

5HDGHU)HHGEDFN *UHDW LGHD RQ KDYLQJ S,HRISOLHWKDWKRRDIXOW\ KDSYH UHIOHFWHG RQ Q D
ORRNLQJ WR EULQJ LQ EHWKDUW RVWKHV SDUJUKDPH LGHQWLILHG VRPH
DQG DOVR SDUW RI WKH FDUHDMWVQJKPHDSHLLQFUCH DVH HQUROOPHQW ZLWKLQ
VHYHUDO XQGHU UHSUHVHQWHG SRSXODWLRQV
HVSHFLDOO\ OLNHG WKH LGHD RI LQYLWLQJ GHQWDO
KHDOWK SURIHVVLRQDOV FXUUHQWO\ ZRUNLQJ LQ
WKH SURIHVVLRQ ZKR DUH DVVRFLDWHG ZLWK
WKHVH XQGHU UHSUHVHQWHG HWKQLF JURXSV
DQG LQWURGXFQJ WKHP WR WKH VWXGHQWV WR
VHUYH DV SRVVLEOH PHQWRUV DQG WR VKRZ
VWXGHQWV WKDW WKHUH DUH PHPEHUV RI WKHLU
HWKQLF JURXS WKDW KDYH DFKLHYHG VXFFHVV
LQ WKH GHQWDO SURIHVVLRQ

) 6WXGHQW &RXUVH 6XFFHVV

:KDW GRHV WKH GDWD WURXQGHQEFBWH KDV LPSURXUHG RYHFHWKHKDV LPSURXUHG RYHFHWKHKDV EHFQXODW VXFFHVV KDV EHI
DERXW RYHUDOO FRXUVH WKFFHWSQ ([FHOHQW WLPVSDQ ([FHOHQW GHFUHDVHG RYHU WKH WLPHFVBDQHEG QRHU WKH WL
PRUH WKDQ SHUFHQWDJFRSRLQWDOH\$WVFHQWJJI
WKH 6WDQGDUG WKH 6WDQGDUG

+RZ PDQ\ FULWHULD DUH FKW QQUUDHWGDHW DQFOXGHFKH QDUURD WLVKHH H[FHHGV7KFSQDWDWRQM EQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH
WUHQQ QDUUDWLYH H[SOBQDWHEBQDIRUHHQWRVCKPH6WDLQGDUGDWLYH FRXOG EHXWHGLDV DQHWV WKH 6WDLQGDUG 0HHWV WKH 6
FRXUVH VXFFHVV" H[HPSODU ([FHOHQW

+RZ PDQ\ FULWHULD DUH FKW QQUUDHWLYH LQFOXGHFKH QDUURD WLVKHH H[FHHGV7KFSQDWDWRQM LQFOXGHFKH QDUURD WLVKHH LQFOXGHFKH
SURSRVHG DFWLRQ QDUUDWLVWHURD VHXGMDWKH 6WDLQGDUGDWLYH FRXOG EHXWHGLDV DQHWV WKH 6WDLQGDUG 0HHWV WKH 6
FRXUVH VXFFHVV" H[HPSODU ([FHOHQW

5HDGHU)HHGEDFN

*UHDW LGHD WR UHYLVH W%OH F%URQ FWXKH B DWR DLW QG \$HHGEDFN
 PD\ DOORZ VWXGHQWV WRS V WXLG HFGU W B NH DFDLCHW\ DUH GRLQJ DQ
 RI WKHLU SHUVRQDO UHV B K W V E L O G W Q J H W R E N L Q Z H L O S L Q J W K H L U V W X G H Q W V
 RU GD\ FDUH EH VXFFHVVRP E L O L Q J X D O W X W R U V Z K R
 DUH DYDLODEOH GXULQJ HYHQLQJV DQG
 ZHHNHQGV WKXV EHLQJ VHQVLWLYH WR
 VWXGHQWV ZKR DUH ZRUNLQJ WR SULQWLQJ RXW
 OHFWXUHV DQG RWKHU PDWHULDOV WR KROGLQJ
 ZHHNO\ PHHWLQJV LW LV FOHDU WKDW WKLV
 FRPELQDWLRQ RI UHVRXUFHV DQG DFWLYLWLHV
 KDV KDG D YHU\ SRVLWLYH LPSDFW RQ WKH
 OHYHO RI VXFFHVV IRU WKH YDVW PDMRULW\ RI
 VWXGHQWV HQUROOHG LQ WKH SURJUDP
 +RZHYZUWK WKH SRVVLELQJ\ RI EXGJHW
 UHGXFWRQV ORRPLQJ DV D UHVXOW RI WKH
 SDQGHPLF DQG VXEVTXHQW UHFHVVRQ LW
 LV XQFOHDU LI WKHVH IXQGV IRU ELOLQJXDO
 WXWRUV ZLOO & R H P D L Q J H Q W D F W
 SODQV PD\ EH QHFHVVDU\ WR PDLQWDLQ
 VWXGHQW VXSSRUW LQ DQ HQYLURQPHQW RI
 VFDFH ILVFDU UHVRXUFHV VXFK DV
 LGHQWLI\LQJ KLJK SHUIRUPLQJ VWXGHQWV DV
 SRVVLEOH PHQWRUV DQG WXWRUV WR KHOS
 WKRVH VWXGHQWV ZKR DUH VWUXJJOLQJ ZLWK
 WKH PDWHULDO FRQFHSWV HWF

Q D PXOWLOLQJXDO WXW

,V WKHUH D FRXUVH VXFFHVV DSDSHWZHHQ WKH WZR JURXS VQRDJDS EHWZHHQ WKH LWZQRJUB & SEHWZHHQ WKH LWZQRJUB & SEHWZHHQ
 EHWZHHQ \$IULFDQ \$PHULFDQ UHFDW\ RYHU WKH WLP\ H F H S O D Q H H G V ([FHOHQW ([FHOHQW
)LOLSLQ[VWXGHQW JURXS D M D Q G , P S L R Q H P D W Y W R O H H W W K H 6 W D Q G D U G
 \$PHULFDQ 3DFLI:KFLWHDQGHU
 'HFOLQH WR 6WDWH VWXGHQW JURXS"

+RZ PDQ\ FULWHULD DUH FKW QQUWIDWYDHW DQFOXGHFKH QDUURD WLKHH H[FHHGV7KHSQDWDWRQM EQFOXGHFKH QDUURD WLKHH LQFOXGH
 WUHQG QDUUDWLYH H[SOBQDWBBDIRUHFHWV WKH 6WHDQGDUG DWLYH FRXOG FHUWXHG LDV DQHWV WKH 6WDLQGHULG 0HHWV WKH 6
 VXFFHVV E\ VWXGHQW JURXS" H[HPSODU ([FHOHQW

+RZ PDQ\ FULWHULD DUH FKW QQUWIDWLYH LQFOXGHFKH QDUURD WLKHH H[FHHGV7KHSQDWDWRQM LQFOXGHFKH QDUURD WLKHH LQFOXGH
 SURSRVHG DFWLRQ QDUUDWLYH WLDWHURD FBHWW WKH 6WHDQGDUG DWLYH FRXOG FHUWXHG LDV DQHWV WKH 6WDLQGHULG 0HHWV WKH 6
 VXFFHVV E\ VWXGHQW JURXS" H[HPSODU ([FHOHQW

5HDGHU)HHGEDFN

*UHDW UHWV VKRZQ LQ HTX% DVHG RQ WKH GDWD WKH \$IDFXOW\ DUH FOHDUO\ 8VH RI PXOWLOLQJXDO WX
 LQWHUYHQWLRQV E\ EULQGRQJEDQLQJFXDOWWROU WRE KHUH DQG \$VLDQ ODQJXDJHV L
 DV ZHOO DV XQGHUVWDQGLQJ ZKDW UHVRXUFHV FRUURERUDWHG ZLWK VW;
 DUH QHHGHG IRU VWXGHQW VXFFHVV ,W V ZRUWK VHHLQJ LI WK
 UHYLVLQJ WKH FXUULFXOXP DQG DOORZLQJ UHSOLFDWHG DQG WHVWH
 VWXGHQW PRUH WLPH WR ZRUN LV YHU\
 LPSRUWDQW IRU VWXGHQWV ZKRVH IDPLOLHV
 UHO\ RQ WKHLU LQFRPH RU QHHG WKDW WLPH WR
 WDNH FDUH RI WKHLU FKLOGUHQ

8VH RI PXOWLOLQJXDO WX
DQG \$VLDQ ODQJXDJHV L
FRUURERUDWHG ZLWK VW;
,W V ZRUWK VHHLQJ LI WK
UHSOLFDWHG DQG WHVWH

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|--|--------------------------------|--|---|---------------------------|
| | -D\ 3DW\N \$W /DUJH)DFXOW\ | \$QDQG 9HQNDWDUDPDQ 6DPH 'LYLVLRQ)DFXOW\ | 0DQXHO 'LD] \$OYDUHV \$W /DUJH &ODVVLILHG 6WDII | FUa 'Gi Vfa Ub]Ua 'HDQ |
| 7UFYf'UbX'HYW b]WU'9Xi WUjcb Dfc[fUa g'Fi Vf]W | | | | |

5 "FY15 VVYX]HUjcb'Z:fa Ujcb

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|---|--|--|--|--|
| GEÖk c@] [*!æ { æk æk æ&^ãææ }? | V@] [*!æ , æ !^æ&^ãæã æã !^æ&ãæã à[c@& { { ^}ãææ }• æã &æææ }•E^& { { ^}ãææ }• ÈT^^ c@ Ùææãæã | V@] [*!æ , æ !^æ&^ãæãæãE^æ&ãæã & { { ^}ãææ }•Èæã }[&æææ }•E^& { { ^}ãææ }• ÈÖ&^)^ c ã] ç^ æã !^æ&ãæã c@ }^^ãã | V@] [*!æ , æ !^æ&^ãæãæãE^æ&ãæã & { { ^}ãææ }•Èæã }[&æææ }•E^& { { ^}ãææ }• ÈÖ&^)^ c ã] ç^ æã !^æ&ãæã c@ }^^ãã | V@] [*!æ , æ !^æ&^ãæãæãE^æ&ãæã & { { ^}ãææ }•Èæã }[&æææ }•E^& { { ^}ãææ }• ÈÖ&^)^ c ã] ç^ æã !^æ&ãæã c@ }^^ãã |
| I ÈÖk c@] [*!æ { æ^ c@ !^ãã ã] ç^ { ^}• ã !^•] }•^ ç c@ { æ! &æææ }• [~c@ æ c ^æ&^ãææ } !^] ç | V@] [*!æ , æ æ ^ ç æ^ ææ }• ç ã] ç^ æã !^æ&ãæã c@ }^^ãã •~] ç ç æ^ c@ ææ }• ÈT^^ c@ Ùææãæã | V@] [*!æ , æ }[ç ã] ç^ æã !^æ&ãæã c@ }^^ãã •(] ç ç æ^ c@ ææ }• ÈT^^ c@ Ùææãæã | V@] [*!æ , æ }[ç ç æ^ ææ }• ç ã] ç^ æã !^æ&ãæã c@ }^^ãã •(] ç ç æ^ c@ ææ }• ÈT^^ c@ Ùææãæã | V@] [*!æ , æ }[ç ç æ^ ææ }• ç ã] ç^ æã !^æ&ãæã c@ }^^ãã •~] ç ç æ^ c@ ææ }• ÈT^^ c@ Ùææãæã |

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|---|--|--|---|--|
| <p>FÈW @cà[^• c@ , æ^ àææd^) à ð àæææ ?</p> | <p>V@ [&&] ææ } æ , æ^ d^) à ð &^ææ^ à ÈÒç& ^) c</p> | <p>V@ [&&] ææ } æ , æ^ •ææ^ à ðæÈ T^^ c@ Òçæ àæà</p> | <p>V@ [&&] ææ } æ , æ^ d^) à ð &^ææ^ à ÈÒç& ^) c</p> | <p>V@ [&&] ææ } æ , æ^ d^) à ð &^ææ^ à ÈÒç& ^) c</p> |
| <p>GÈP[, { æ^ &æ^æææ^ { ^cð c@ àæææ d^) à } ææææ^ ^ç æææ } ÷ , æ^• ?</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> |
| <p>: "Dfc[fUa `%') '7ci fgY7ca d`Yh]cb</p> | | | | |
| <p>FÈW @cà[^• c@ àæææd^) à ð àææææ ææ[~cc@] { à^ [~•c à^) c &{] ^ç* FHÈ } } æ •ææ^ à ðæ[ç^ c@ í ^æ] ^ð à È c@ FHÈ ÒVÒ } } æ^æ@^æ ð c@ æc æ^ ^æ• , æç c@] * æ ?</p> | <p>V@ } { à^ [~•c à^) c &{] ^ç* FHÈ } } æ •ææ^ à ðæ[ç^ c@ í ^æ] ^ð à È T^^ c@ Òçæ àæà</p> | <p>V@ } { à^ [~•c à^) c &{] ^ç* FHÈ } } æ •ææ^ à ðæ[ç^ c@ í ^æ] ^ð à È T^^ c@ Òçæ àæà</p> | <p>V@ } { à^ [~•c à^) c &{] ^ç* FHÈ } } æ •ææ^ à ðæ[ç^ c@ í ^æ] ^ð à È T^^ c@ Òçæ àæà</p> | <p>V@ } { à^ [~•c à^) c &{] ^ç* FHÈ } } æ •ææ^ à ðæ[ç^ c@ í ^æ] ^ð à È T^^ c@ Òçæ àæà</p> |
| <p>GÈP[, { æ^ &æ^æææ^ { ^cð c@ àæææ d^) à } ææææ^ ^ç æææ } ÷ c@] { à^ [~•c à^) c &{] ^ç* c@ FHÈ ÒVÒ } } æ ?</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ H[~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> |
| <p>; "Dfc[fUa ; ; fUXi UHY9a d`cna Ybh FUHYg</p> | | | | |
| <p>FÈW @cà[^• c@ * æææ^ {] ^ç^) c æ ð àæææ ÷ &^ææææ^ ^• ^æ &{] ^ç^ • çÈ ÈWæç [] ^ ^æ ææ^ Ò[{ { } } æ Ò[^*^ Ò[{] ^ç } D</p> | <p>Ò[] ^ç^) c ææ æ òJ% ð ì€% ÈT^^ c@ Òçæ àæà</p> | <p>Ò[] ^ç^) c ææ æ òJ% ð ì€% ÈT^^ c@ Òçæ àæà</p> | <p>Ò[] ^ç^) c ææ æ òJ% ð ì€% ÈT^^ c@ Òçæ àæà</p> | <p>Ò[] ^ç^) c ææ æ òJ% ð ì€% ÈT^^ c@ Òçæ àæà</p> |
| <p>GÈP[, { æ^ &æ^æææ^ { ^cð c@ àæææ d^) à } ææææ^ ^ç æææ } ÷ * æææ^ ^ {] ^ç^) c ææ ÷ à c@à^* ^æ æ à &^ææææ• ?</p> | <p>V@ } ææææ^ ð &^ à^• æ [~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ [~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ [~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> | <p>V@ } ææææ^ ð &^ à^• æ [~c@ &æ^ææÈT^^ c@ Òçæ àæà</p> |
| <p>FYUXYf : YYXVUW</p> | <p>PDE</p> | <p>PDE</p> | <p>Qæ ð ç^•ç* ð } [ç c@] ææ , æ^• æ æÒ^) æçÈ•æç c , @ } &{] æ^à ð c@ æð* , æ^ ð c@ Óæ È^æÈVÈ à^•æ^ @ æ ð] æçð ^) ; (^) c æ ð * æææ } æ•È^•]^ææ ÷ •c à^) c GÈÈ €^æ• [àÈÈ•c à^) c C] ^• [] æ æð* •æææ } æ ææç ÷ , @ } æ&{ ^• ð ^) ; (^) c æ ð &{] ^ç } • &&^•ÈÈÈ] ææ æ ^) æ^• ç [] [ç } æ { æ] çæ^ ææ {] ç ^ æ~ •c à^) c ð \^^ æ } ð * æ à ^æ } ÷ { c@ ð ç ^ ð ç^•ç^ ð c@] * æ È</p> | <p>PDE</p> |

-D\ 3DW\N
\$W /DUJH)DFXOW\
&DUHHU DQG 7HFKQLFDO (GXFDWLRQ
3URJUDPV 5XEULF

\$QDQG 9HQNDWDUDPDQ 0DQXHO 'LDJ \$OYDUHV
6DPH 'LYLVLRQ)DFXOW\ \$W /DUJH &ODVVLILHG
6WDII

5DP 6XEUPDQLDP
'HDQ

\$ 5H \$FFUHGLWDWLRQ ,QIRUPDWLRQ

'LG WKH SURJUDP PDLQW ~~WKH~~ SURJUDP ZDV UHDFFUHG ~~WKH~~ SURJUDP ZDV UHDFFUHG ~~WKH~~ SURJUDP ZDV UHDFFUHG
DFFUHGLWDWLRQ" UHFHLYHG ERWK FRPPHQGDWLRQV DQG QFRPPHQGDWLRQV DQG QFRPPHQGDWLRQV DQG QFRPPHQGDWLRQV
FLWDWLRQV UHFRPPHQGDWLRQV UHFRPPHQGDWLRQV UHFRPPHQGDWLRQV UHFRPPHQGDWLRQV UHFRPPHQGDWLRQV
6WDQGDUG LPSURYH DQG UHFHLYHG WKH QHHGHG

'LG WKH SURJUDP PDNH ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR
LPSURYH PHQWV LQ UHVSRQGV ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR
FLWDWLRQV RI WKH ODVW ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR ~~WKH~~ SURJUDP ZDV DEOH WR
UHSRUW" 6WDQGDUG 6WDQGDUG

(5HJLRQDDJHV

:KDW GRHV WKH ZDJH GDWD WUKHQGXIPCEGILF BWWXGHQWVKFRQSDHEMLRJ VWXGHQWVKFRQSDHEMLRJ VWXGHQWVKFRQSDHEMLRJ VWXGHQW
LQGLFDWH" ([FHOOHQW 0HHWV WKH 6WDQGDUG ([FHOOHQW ([FHOOHQW

+RZ PDQ\ FULWHULD DUH PHH Q DLQV WWH YGDMDF OXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK
WUHQG QDUUDWLYH H[SOBQDWHEBQDIRU HZHWHVWKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6

) 3URJUDP &RXUVH &RPSOHWLRQ

:KDW GRHV WKH GDWD WUKHQGXIPCEGILF BWWXGHQWVKFRQSDHEMLRJ VWXGHQWVKFRQSDHEMLRJ VWXGHQWVKFRQSDHEMLRJ VWXGHQW
DERXW WKH QXPEHU RI VWXGHQWV FRPSOHWV WQRVYH QVWKV VVH DUH SHODRGRYH QVWKV VVH DUH SHODRGRYH QVWKV VVH DUH SHODRGRYH
WKH &7(XQLWV HDFK 0HHWV WKH 6WDQGDUG 0HHWV WKH 6WDQGDUG 0HHWV WKH 6WDQGDUG 0HHWV WKH 6WDQGDUG
ILYH \H DU V ZLWKLQ WKH SURJUDP"

+RZ PDQ\ FULWHULD DUH PHH Q DLQV WWH YGDMDF OXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK
WUHQG QDUUDWLYH H[SOBQDWHEBQDIRU HZHWHVWKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6
QXPEHU RI VWXGHQWV FRPSOHWV WQRVYH QVWKV VVH DUH SHODRGRYH QVWKV VVH DUH SHODRGRYH QVWKV VVH DUH SHODRGRYH
&7(XQLWV"

* 3URJUDP *UDGXDWH (PSOR\PHQW
5DWHV

:KDW GRHV WKH JUDGXDWH (PSOR\PHQW UDWH LV WPSOR\PHQW UDWH LV WPSOR\PHQW UDWH LV WPSOR\PHQW UDWH LV
UDWH LQGLFDWH IRU FHUWKH 6WDQGDUG WKH 6WDQGDUG WKH 6WDQGDUG WKH 6WDQGDUG
FRPSOHWHUV H J :LWKLQ RQH \H DU DIWHU
&RPPXQLW\ &ROOHJH &RPSOHWLRQ "

+RZ PDQ\ FULWHULD DUH PHH Q DLQV WWH YGDMDF OXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK HD QDU RD WVKYHH LQFOXGHVK
WUHQG QDUUDWLYH H[SOBQDWHEBQDIRU HZHWHVWKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6FVLDQGHJLE 0HHWV WKH 6
HPSOR\PHQW UDWH IRU ERWK GHJUHHV DQG
FHUWLILFDWHV"

5HDGHU)HHGEDFN 1 \$ 1 \$,W LV LQWHUHVWLQJ WR QRWH WKH SDLG ZDJHV DV
D 'HQWDO \$VVLVWDQW ZKHQ FRPSDUHG WR WKH
OLYLQJ ZDJH LQ WKH %D\ \$UHD 7KL
GHILQLWHO\ KDV DQ LPSDFW LQ HQUROOPHQW
DQG JUDGXDWLRQ UDWHV HVSHFLDOO\ IRU
VWXGHQWV \H DU V ROG \$ VWXGHQWV
SHUVRQDO OLYLQJ VLWXDWRQ LV D IDFWRU ZKHQ
LW FRPHV WR HQUROOPHQW DQG FRPSOHWLRQ
VXFFHVV \$ SDLG DSSUHQWLFHVKLS
RSSRUWXQLW\ PD\ SURYLGH D WHPSRU DU\
UHOLHI IRU VWXGHQW WR NHHS OHDUQLQJ DQG
H DU Q IURP WKHLU WLPH LQYHVWHG LQ WKH
SURJUDP