

OeMkppg{"Kp fgrgp fgpv"Uejqqn" Fkuvtkev

Y gdd"Gng o gpvc t {

4245/4246"K o r tqxg o gpv"Rncp



%RDUG \$SSURFWRERDWH
3XEOLF 3UHVHQWRERQ 'DWH

7DEOH RI &RQWHQWV

&RPSUHKHQVLYH 1HHGV \$VVHVVP HQW

'HPRJUDSKLFV

6WXGHQW \$FKLHYHPHQW

6FKRRO &XOWXUH DQG &OLPDWH

6WDII 4XDOLW\ 5HFUXLWPHQW DQG 5HWHQWLRQ

&XUULFXOXP ,QVWUXFWLRQ DQG \$VVHVVP HQW

3DUHQW DQG &RPPXQLW\ (QJ DJHPHQW

6FKRRO &RQWH[W DQG 2UJDQL]DWLRQ

7HFKQRORJ\

*RDOV

*RDO - : :HEE (OHPHQW DU\ ZLOO HQVXUH WKDW WKH VFKRRO LV VDIH DQG VHFUXH

*RDO 7HDFKHUV DQG VWDII DW - : :HEE (OHPHQW DU\ ZLOO XVH GDWD GULYHQ GHFLVLRQV W

*RDO - : :HEE (OHPHQW DU\ ZLOO UHFUXLW UHFRJQL]H GHYHORS DQG UHWDLQ KLJK TXDOLV

*RDO - : :HEE (OHPHQW DU\ ZLOO LQWHQWLRQDOO\ IRFXV RQ PDLQWDLQLQJ D FXOWXUH WKD

*RDO - : :HEE (OHPHQW DU\ ZLOO HQVXUH WKDW FRPPXQLFDWLRQ LQWHUQDOO\ DQG H[WHUQ

*RDO - : :HEE ZLOO FRQWLQXH WR EH ILVFD OO\ UHVSQRVLEOH DQG HIILFLHQW ZLWK FDP SXV

Eq o r t g j g p u k x g " P g g f u " C u u g u u o g p v

'HPRJUDSKLFV

'HPRJUDSKLFV 6XPPDU\

- : :HEE (OHPHQWDU\ LV D GHVLJQDWHG 7LWOH FDPSXV WKDW SURYLGHV LQVWUX
DQG VRFLDO HFRQRPLF VWDWXV RI WKH VWXGHQWV DW :HEE DUH DV IROORZV +LVS
DUH FODVVLILHG DV /LPLWHG (QJOLVK 3URILFLHQF\ DQG DUH (FRQRPLFDOO\ 'LVD'
SURJUDP ZKLFK VHUYHV PRUH WKDQ VWXGHQWV IURP DFURVV WKH GLVWULFW RC

'HPRJUDSKLFV 6WUHQJWKV

- 'LYHUVH VWXGHQW SRSXODWLRQ
- 2QH ELOLQJXDO FODVV DW HDFK JUDGH OHYHO
- &XOWXUDO GLYHUVLW\ DQG DZDUHQHV
- 6PDOOHU VFKRRO SRSXODWLRQ
- 0XOWL *HQHUDWLRQDO)DPLOLHV
- 0XOWLSOH &RPPXQLW\ %XVLQHVV 6SRQVRUV

6WXGHQW \$FKLHYHPHQW

6WXGHQW \$FKLHYHPHQW 6XPPDU\

\$IWHU DQDO\JLQJ 67\$\$5 GDWD ZH FRQWLQXH WR QRWH VLJQLILFDQW DFKLHY
HFRQRPLFDOO\ GLVDGYDQWDJHG DQG WKRVH KDYH /LPLWHG (QJOLVK 3URILFLHQF\)
PDWK DQG UHDGLQJ EXW KDYH SHUIRUPHG ORZHU LQ IRXUWK JUDGH WKDQ WKH\ SHL
LQ ILIWK JUDGH WKDW WKH\ SHUIRUPHG DW LQ IRXUWK JUDGH 2Q 67\$\$5 5HD
IRXUWK JUDGHUV PHW WKH SDVVLQJ VWDQGDUG DQG RI ILIWK JUDGHUV PHW WKH
PHW WKH SDVVLQJ VWDQGDUG RI IRXUWK JUDGHUV PHW WKH SDVVLQJ VWDQGDUG
GHPRQVWUDWHV WKH QHHG IRU DQ LQWHQVH IRFXV RQ IRXUWK DQG ILIWK JUDGH PD

6FKRRO &XOWXUH DQG &OLPDWH

6FKRRO &XOWXUH DQG &OLPDWH 6XPPDU\

- : :HEE (OHPHQWDU\ KDV D VWURQJ VHQVH RI IDPLO\ DV ZHOO DV D ULFK KLVWRU\

6WDII 4XDOLW\ 5HFUXLWPHQW DQG 5HWHQWLRQ

6WDII 4XDOLW\ 5HFUXLWPHQW DQG 5HWHQWLRQ 6XPPDU\

3DUHQW DQG &RPPXQLW\ (QJDJHPHQW

3DUHQW DQG &RPPXQLW\ (QJDJHPHQW 6XPPDU\

6FKRRO &RQWH[W DQG 2UJDQL]DWLRQ

6FKRRO &RQWH[W DQG 2UJDQL]DWLRQ 6XPPDU\

7KH JRDOV RI - : :HEE DUH DOLJQHG WR DQG VXSSRUW WKH JRDOV RI WKH GLVWUI
GDWD WR LQIRUP LQVWUXFWLRQDO GHFLVLRQV LQ RUGHU WR HQVXUH VWXGHQW JUF
PDLQWDLQLQJ DQ LQFOXVLYH FXOWXUH DQG DFFXUDWH DQG WLPHO\ FRPPXQLFDWLI

7HFKQRORJ\

7HFKQRORJ\ 6XPPDU\

- : :HEE (OHPHQWDU\ KDV D VWURQJ IRFXV RQ WHFKQRORJ\ \$OO FODVVURRPV DU `

*RDO- : :HEE (OHPHQWDU\ ZLOO HQVXUH WKDW WKH VFKRRO LV VDIH DQG VHFUXH

3HUIRUPDQFH 2-EMHFWY (OHPHQWDU\ ZLOO SURYLGH WLHUHG SURVFLDO VXSSRUWV

(YDOXDWLRQ 'DWD UHSRUWV GHWDLOLQJ LPSOHPHQDWLRQ DQG HYDOXDWLRQ RI FRPSUH
'DWD UHSRUWV GHWDLOLQJ VHUFLFHV SURYLGHG 7UXVWHG :RUOG)RRG IRU .LGV HWF
5HJXODU FRQWDFW FROODERUDWLRQ ZLWK &,6

6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ :HEE (OHPHQWDU\ ZLOO SODQ DQG H[FHFXWH D FRPSUHKHQVLYH VFKRRO DQG UHOHYDQW 7H[DV &RGH 6WUDWHJ\ V ([SHFWHG 5HDOXDW, BBRWW ZLOO GHWDLO WKH LPSOHPHQDWLRQ DQG FRXQVHOLQJ SURJUDP 6WDII 5HVSQRVLEOH &RXQVHORU 3ULQFLSDO	1RY)HE	-XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ :HEE (OHPHQWDU\ ZLOO PDLQWDLQ SDUWQHUVKLSV ZLWK FRPPXQLW) 6WUDWHJ\ V ([SHFWHG 5HDOXDW, BBRWW PHHWLQJV ZLWK FRPPXQLW\ SDUWQHUV DQG 3UHVWRQ 7UDLO &RPPXQLW\ &KXUFK 6WDII 5HVSQRVLEOH &RXQVHORU 3ULQFLSDO &RXQVHORU	RRUPDWLYH)HE	-XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ :HEE (OHPHQWDU\ ZLOO PRQLWRU FDPSXV FRRUGLQDWHG SHC K	RRUPDWLYH		

5HYLHZV

*RDO7HDFKHUV DQG VWDII DW - : :HEE (OHPHQWDU\ ZLOO XVH GDWD GULYHQ GHFLVI
VWXGHQW

3HUIRUPDQFH 2-EMHFWY (OHPHQWDU\ ZLOO LPSOHPHQW GDWD V\ VWHPV DQG PRQLWR
LPSURYHPHQW LQ VFKRRO SHUIRUPDQFH

(YDOXDWLRQ 'DWD 6755HV766 'DWD \$WWHQGDQFH 5HSRUWV

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHJ\	

2 € , 0 7 1 6 1 1 9	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW:HHJE ZLOO LPSOHPHQW WLHUHG VXSSRUW VWUXFWXUHV 0766 WR LQFU)HDPHDWWYXG6XQWDD EHORZ JUDGH OHYHO LQ UHGDLQJ DQG PDWK DQG ZLOO SURYLGH WDUJHW HG 1RY)HE -XQH 6WUDWHJ\ V ([SHFWHG 35HMDGWQ,PSDFW LQJ WDUJHWHG LQWHUYHQWLRQ VXSSRUW ZLOO PDVW SURJUHVV PRQLWRULQJ GDWD DQG ZLOO PHHW WKH H[SHFWHG JURZWK PHDVXUH RQ PLGGOH 6WDII 5HVSQRVLEOH HHDU KHRUL WOF 16 6 QJR RUGLQDWRU				
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW7KJUG WKURXJK ILIWK JUDGH 5/\$ WHDFKHUV ZLOO HQJDJH LQ SURIHVVLRQRQDPOVHYD6XIPQD ([WHQGHG &RQVWUXFWHG 5HVSQRVH 6WUDWHJ\ V ([SHFWHG 35HMDGWQ,PSDFW LQJ WDUJHWHG LQWHUYHQWLRQ VXSSRUW ZLOO PDVW LQFUHVDVH IURP DQ DYHUDJH RI WR DQ DYHUDJH RI DW OHDVW RQ 67\$\$5 5HDGLQJ 6WDII 5HVSQRVLEOH HHDU KHRUL WOF 16 6 QJR RUGLQDWRU		1RY)HE -XQH		
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW6LJW\ SHUFHQW RU PRUH RI VW WK JUDGH VWXGHQWV ZLOO PHHW RU HIRUHDVWYXG6XIPQD 6WUDWHJ\ V ([SHFWHG 35HMDGWQ,PSDFW 6WDII 5HVSQRVLEOH HHDU KHRUL WOF 16 6 QJR RUGLQDWRU		1RY)HE -XQH		
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW6LJW\ SHUFHQW RU PRUH RI VW WK JUDGH VWXGHQWV ZLOO PHHW RU HIRUHDVWYXG6XIPQD 6WUDWHJ\ V ([SHFWHG 35HMDGWQ,PSDFW 6WDII 5HVSQRVLEOH HHDU KHRUL WOF 16 6 QJR RUGLQDWRU		1RY)HE -XQH		
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW7KJH QXPEHU RI UG WK JUDGH VWXGHQWV ZKR VFRUH DW OHHWV RU DERYH RQ 67\$\$5 5HD 67\$\$5 5HDGLQJ E\ 0D\				

6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDWHJEE VWXGHQWV ZLOO LPSURYH DWWHQGDQFH UDWHV WR E\ 0D\	RI)RUPDWLY	H6XPPDV
6WDII 5HVSQRVLEOH \$WUHQGDQFH & RPLWWHH \$VVLVWDQW 3ULQFLSDO	5HYVWU)HE	&RXQYH
&RRUGLQDWRU		

0% 1R 3URJUHVV 

*RDO7HDFKHUV DQG VWDII DW - : :HEE (OHPHQWDU\ ZLOO XVH GDWD GULYHQ GHFLVI
VWXGHQW

3HUIRUPDQFH 2-E:MHFWLE\ (OHPHQWDU\ ZLOO HQVXUH D JXDUDQWHHG DQG YLDEOH FXU

6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDW:###E ZLOO HQVXUH HIIHFWLYH WHDFKLQJ VWUDWHJLHV DUH LQ SODFH WR PHHW WKH QH
ZKR DUH HFRQRPLFDOO\ GLVDGYDQWDJHG DQG KDYH /LPLWHG (QJOLVK 3URILFLHQF\
6WUDWHJ\ V ([SHFWHG 5HVXOW ,PSDFW

*RDO7HDFKHUV DQG VWDII DW - : :HEE (OHPHQWDU\ ZLOO XVH GDWD GULYHQ GHFLVI
 VWXGHQW 2HΛΓHΣΛ

3HUIRUPDQFH 2-E:MHFWEYZHLOO LPSOHPHQW D V\|VWHPDWLF DSSURDFK WR SURIHVVLRQ
 WHDFKLQJ DQG VWXGHQW OHDUQLQJ RXWFRPHV

(YDOXDWLRQ 'DWDGRRRERWLYH 7HDP 7LPH \$JHQGDV /HVVRQ 3ODQV 6WXGHQW *URZWK 'DWD

6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW, QMWUXFWLRQDO &RDFKHV ZLOO GHOLYHU MRE HPEHGGHG SURIHVVLRQDURRERWLYH 3ODQQLQJ &ROODERUDWLYH 7HDP 7LPH DQG ZHHNO\ &ROODERUDWLYH 3ODQQLQJ 6WUDWHJ\ V ([SHFWHGRORRERWLYH 7HDP 7LPH HYHU\ RWKHU ZHHN &ROODERUDWLYH 3ODQQLQJ ZLWK ,&V ZHHNO\ 6WDII 5HVSQRVLEOHQRWURRERWLYH 7HDFKHUV	1RY)HE	-XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW7KH :HEE /HDGHUVKLS 7HDP ZLOO PHHW ZHHNO\ WR HQVXUH SURJUHVV RQ FDP SXV LQLWL			

6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDW7HJDFKHUV ZLOO HQJDJH LQ RQ FDPSXV SURIHVVLRQDO GHYHORSPH QW R Q U P D X G L Y Q W X P R D C
LPSOHPHQW WKH OHDUQHG VWUDWHJLHV ZLWK VWXGHQWV

6WUDWHJ\ V ([SHFWHG V X G W ' D P S D F W W H E R R N V I R U D O O V W X G H Q W V F R Q W D L Q L Q J V W X G H Q W
P R Q L W R U L Q J

6WDII 5HVSQRVLEOH Q R W U R Q W R Q L Q & R D F K H V \$ G P L Q L V W U D W R U V . 7 H D F K H U V

*RDO7HDFKHUV DQG VWDII DW - : :HEE (OHPHQWDU\ ZLOO XVH GDWD GULYHQ GHFLVI
VWXGHQW

3HUIRUPDQFH 2-E:MHFWEY(OHPHQWDU\ ZLOO SURYLGH LQQRYDWLYH OHDUQLQJ RSSRU\
UHOHYDQW HGXFDWLRQDO H[SHULHQFHV

(YDOXDWLRQ 'DOW 66'FXUJHV

	6WUDWHJ\ 'HWDLOV	
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* R D O

* R D O

* R D O

*RDO- : :HEE (OHPHQWDU\ ZLOO HQVXUH WKDW FRPPXQLFDWLRQ LQWHUQDOO\ DQG F

3HUIRUPDQFH 2-E:MHFWEYZHLOO HQJDJH IDPLOHV LQ DQ RQJRLQJ HIIRUW WR VXSSRUW

6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ ERWK ZULWWHQ DQG YLVXDO FRQWHQW :HEE V ZHEVLWH 6WUDWHJ\ V ([SHFWHG FRROZMEVSWFWLQFUHDVHG SRVWV RQ)DFHERRN SDJH FUHDWLRQ RI DQ ,QVWDJUDP SDJH 6WDII 5HVSQRVLEOHLIRUDORQHGRDLGCSJHFLDOLVW 3ULQFLSDO \$VVLVWDQW 3ULQFLSDO	DQG YRUPDWLYHGXDPDV N SDJH DQGE IRURQH		
6WUDWHJ\ #BHWÉO%Á &Öt0B O)RUPDWLYH	5HYLHZV		
6WUDWHJ\ WKH SRVLWLYH VWRULHV DFURVV KDSSHQLQJ DW :HEE 6WUDWHJ\ V ([SHFWHG FSHVXVHG ,SDVWV RQ WKH :HEE)DFHERRN SDJH DQG ; IRUPHUO\ NQRZQ 6WDII 5HVSQRVLEOHLIRUDORQHGRDLGCSJHFLDOLVW 3ULQFLSDO \$VVLVWDQW 3ULQFLSDO			

*RDO- : :HEE (OHPHQWDU\ ZLOO HQVXUH WKDW FRPPXQLFDWLRQ LQWHUQDOO\ DQG F

3HUIRUPDQFH 2-EMHFWLYE (OHPHQWDU\ ZLOO IRVWHU D FXOWXUH RI WUXVW E\ SURDFW
D WUDQVSDUHQW DQG WLPHO\ PDQQHU

6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW(HK DQFH LQWHUQDO FRPPXQLFDWLRQ WR EXLOG HPSOR\HH WUXVW 6WUDWHJ\ V ([SHFWHG E\ HXONW)\PZDFWO\ VWDII LQIRUPDWLRQ *RRJOH 6WDII 5HVSQRVLEOH BURQ FLSOLQW \$VWQVWDQW 3ULQFLSDO &RXQVHORU	DQG)RBBWBYH6XPPDV	VLWRY)HE -XQH
6WUDW(HK DQFH H[WHUQDO FRPPXQLFDWLRQ WR EXLOG WUXVW ZLWK SDUH QWV) DQSDMPLG6XPPDV	ZHHN)HE -XQH	
1R 3URJUHVV \$FFRPSOLVKHG &RQLQXH ORIXI\LVFRQLQXH			

*RDO- : :HEE ZLOO FRQWLQXH WR EH ILVFDOO\ UHVSQRVLEOH DQG HIILFLHQW ZLWK

3HUIRUPDQFH 2EHEBFWLQYCHVWUDWHJLFDQO\ DQG HTXLWDEO\ PDQDJH RXU UHVRXUFHV
FDPSXV JRDOV

(YDOXDWLRQ 'D&DPSRXUEXIGVHW

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWSDO\]H ([SHQGLWXUHV IRU EXGJHW UHFRPPHQGDWLRQV 6WUDWHJ\ V ([SHFWHGS5HQGLWXUHSDFWH DQDO\]HG WR GHWHUPLQH HIIHFW RQ VWXGHQW RXW 6WDII 5HVSQRVLEOH IRU 0RQLWRULQJ *,Ñ *,FWAQH " "€Ë4òAO([S1J	