

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\ UHVS RQVLEOH 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\
DFWLYHO\ VHHN WR KLUH G\QDPLF WHDFKHUV ZKR UHIOHFW RXU VWXGHQW SRSXODV
VWUHQJWKHQ RXU VFKRRO FXOWXUH DQG FOLPDWH ZH XWLOLJH YDULRXV VXUYH\V I
XVH GDWD REWDLQH IURP DGPLQLVWUDWLYH ZDONWKURXJKV IRUPDO FODVVURRP

6FKRRO &XOWXUH DQG &OLPDWH 6WUHQJWKV

- &KDUDFWHU HGXFDWLRQ SURJUDP FDPSXV ZLGH
- &DPSXV QHHGV DVVHVVPHQW LQGLFDWHG WKDW - : :HEE KDV D VWURQJ VHQVH F
- 3RVLWLYH VWXGHQW WHDFKHU UHODWLRQVKLSV
- 5HJXODU HYHQLQJ HYHQWV IRU IDPLOLHV 2SHQ *\PV PXVLF SHUIRUPDQFHV 0HH
2SHQ +RXVH HWF

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 VHFXUH

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

(YDOXDWLRQ 'DWD UHSRUWV GHWDLOLQJ LPSOHPHQDWLRQ DQG HYDOXDWLRQ RI FRPSUH
'DWD UHSRUWV GHWDLOLQJ VHUULFHV 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 5HODVW, 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)RRUPDQVLYH B&KIPDQV 6WUDWHJ\ V ([SHFWHG 5HODVW, BDFW PHHWLQJV ZLWK FRPPXQLW\ SDUWQHUV L)HEOXLQJ DQG 3UHVWRQ 7UDLO &RPPXQLW\ &KXUFK 6WDII 5HVSQRVLEOH BURQFLSDO 3ULQFLSDO &RXQVHORU			
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ :HEE (OHPHQWDU\ ZLOO PRQLWRU FDPSXV FRRUGLQDWHG SHC K			

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 35HDXKW ,PSDFW	LQFU)HDPHDWWYXG6XQWDD	EHORZ JUDGH OHYHO LQ UHGDLQJ DQG PDWK DQG ZLOO SURYLGH WDUJHW HG 1RY)HE -XQH
6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	SURJUHVV PRQLWRULQJ GDWD DQG ZLOO PHHW WKH H[SHFWHG JURZWK PHDVXUH RQ PLGGOH	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU		
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW7KJUG WKURXJK ILIWK JUDGH 5/\$ WHDFKHUV ZLOO HQJDJH LQ SURIHVVVL RQDPO W HD 6XIPD V	([WHQGHG &RQVWUXFWHG 5HVSQRVH	6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	1RY)HE -XQH	QFH RQ ([WHQGHG &RQ
6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	LQFUHVDH IURP DQ DYHUDJH RI WR DQ DYHUDJH RI DW OHDVW RQ 67\$\$5 5HDGLQJ	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU		
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW6LJW\ SHUFHQW RU PRUH RI VW WK JUDGH VWXGHQWV ZLOO PHHW RU H[RFUHDG WYXG6XQWDD	6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU	1RY)HE -XQH	HV \$GPLQLVWUDWRUV
6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU			
	6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW6LJW\ SHUFHQW RU PRUH RI VW WK JUDGH VWXGHQWV ZLOO PHHW RU H[RFUHDG WYXG6XQWDD	6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU	1RY)HE -XQH	HV \$GPLQLVWUDWRUV
6WUDWHJ\ V ([SHFWHG 35HDXKW ,PSDFW	6WDII 5HVSQRVLEOH H[D] KHRUL WOF 16 6 QJR RUGLQDWRU			
	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 &RRUGLQDWRU	5HYVWU)HE	&RXQH



1R 3URJUHV



*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 SURIHVVLRQD &ROODERUDWLYH 7HDP 7LPH DQG ZHHNO\ &ROODERUDWLYH 3ODQQLQJ 6WUDWHJ\ V ([SHFWHGRORJERW, WSDFWHDP 7LPH HYHU\ RWKHU ZHHN &ROODERUDWLYH 3ODQQLQJ ZLWK ,&V ZHHNO\ 6WDII 5HVSQRVLEOHQRWURQWLRQD&RDFKHV 7HDFKHUV	1RY)HE	-XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW7KH :HEE /HDGHUVKLS 7HDP ZLOO PHHW ZHHNO\ WR HQVXUH SURJUHVV RQ FDPSXV 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 Q
LPSOHPHQW WKH OHDUQHG VWUDWHJLHV ZLWK VWXGHQWV

6WUDWHJ\ V ([SHFWHG X G V X Q 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	
--	------------------	--

* R D O

* R D O

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

3HUIRUPDQFH 2-E:MHFW EY(OHPHQW DU\ ZLOO LPSURYH HQJDJHPHQW DQG RXWUHDFK FR





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

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

6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDWHJ\ ERWK ZULWWHQ DQG YLVXDO FRQWHQW :HEE V ZHEVLWH 6WUDWHJ\ V ([SHFWHG FRROZMEPSWFWLQFUHDVHG SRVWV RQ)DFHERRN SDJH FUHDWLRQ RI DQ ,QVWDJUDP SDJH 6WDII 5HVSQRVLEOHLIRUDORQHGRDLGCSJHFLDOLVW 3ULQFLSDO \$VVLVWDQW 3ULQFLSDO	DQG YRUPDOLPHGXDPDV N SDJH DQGE IRURQH		
6WUDWHJ\ #BHWÉO%Á &Öt0B O)RUPDWLYH	5HYLHZV		
6WUDWHJ\ WKH SRVLWLYH VWRULHV DFURVV KDSSHQLQJ DW :HEE 6WUDWHJ\ V ([SHFWHG FSHVXOHG ,SDVW 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-EMHFWLY (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 ESHVXONW)\PZDFWO\ VWDII LQIRUPDWLRQ *RRJOH 6WDII 5HVSQRVLEOH BURQ FLSOLQW RVVQVWDQW 3ULQFLSDO &RXQVHORU	DQG)RBBWBY	H6XPPDV	
	VLWRY)HE	-XQH
	LEUDU	OHGLD	6SHFLD
6WUDWHJ\ 'HWDLOV	5HYLHZV		
6WUDW(HK DQFH H[WHUQDO FRPPXQLFDWLRQ WR EXLOG WUXVW ZLWK SDUH QWV) DQSDMPLG 6WUDWHJ\ V ([SHFWHG ESHVXONW)\PZDFWO\ QHZVOHWWHU HYHU\ RWKHU *UDGH /HYHO 1HZVOHWWHUV HYHU\ ZHHN &DOO 2XWV IRU HYHQWV DQG LPSRUWDQW LQIRUPDWLRQ 6WDII 5HVSQRVLEOH BURQ FLSOLQWRULQJ	DQSDMPLG	H6XPPDV	
	ZHHN)HE	-XQH
 1R 3URJUHVV  \$FFRPSOLVKHG  &RQWLQXH 0R  I\LVFRQWLQXH			

*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 ([SHFWHGS HQGLWXUHSDFWH DQDO\]HG WR GHWHUPLQH HIIHFW RQ VWXGHQW RXW 6WDII 5HVSQRVLEOH IRU ORQLWRULQJ *,Ñ *,FWAQH " "€Ë4 òAO([S1J	