1RWH 7H[W ILHOGV DQG WDEOHV FDQ EH PDQLSXODWHG DV QHHGHG WR ILW UHVS

7DVN &RQWH[WXDO ,QIRUPDWLRQ DQG /HDUQLQJ (QYLURQPHQW)

$ *HQHUDO &RQWH[WXDO ,QIRUPDWLRQ IRU &RPPXQLW\ LQWHUDFWLRQ DQG 6FKRRO LQ

, WHDFK LQ D ODUJH VXEXUEDQ FRPPXQLW\ ZLWK D SRSXODWLRQ RI

UXUDO IDUP WRZQV SUDLULH ILHOGV DQG VPDOO FRPPXQLWLHV ZLWK SRSXODWLRQV
FRQVWUXFWLRQ SURPRWLQJ D KLJKHU SRSXODWLRQ IRU WKH QHDU IXWXUH 2SHQLQJV
LQFUHDVH DQG WKH FRPPXWH IURP UXUDO VXUURXQGLQJ FRPPXQLWLHV ZKR DWWHQG

7KH GLVWULFW LV PRVWO\ HFRQRPLFDOO\ DGYDQWDJHG RI WKH GLVWULFW LV HF
WKRVH DUH (OHPHQWDU\ . 6WXGHQW SRSXODWLRQ LV DSSUR[LPDWHO\ VWXGHQ
DQG RWKHU 7KH GLVWULFW KDV D JUDGXDWLRQ UDWH DQG DWWHQGDQFH UDWH
UHFRJQL]HG IRU PDQ\ RWKHU DFKLHYHPHQWV VXFK DV WKH .DQVDV $ZDUG IRU ([FHOOH
.DQVDV WKLV GLVWULFW LV NQRZQ IRU EHLQJ DFWLYHO\ LQYROYHG LQ WKH FRPPXQLW
UHDGLQHVV DOWHUQDWH WUDGH VFKRRO DQG LQIDQW WRGGOHU HGXFDWLRQDO DFW

7KH VFKRRO , WHDFK DW LV ORFDWHG LQ VXUURXQGLQJ QHLJKERUKRRGV RI XSSHU FO
SHUFHQWDJH RI 1RQ HFRQRPLFDOO\ GLVDGYDQWDJHG 2WKHU UDFHV LQFOXGH $I
'LYHUVLW\ LV D WRSLF ZH WU\ WR VWUHVV LQ WKLV VFKRRO DV ZH DUH DZDUH WKDW F
VPDOO SHUFHQWDJH RI VWXGHQWV DUH (// DQG DSSUR[LPDWHO\ WKH VDPH SHUFH
FODVVHV RI HDFK JUDGH DQG VSHFLDO HGXFDWLRQ FODVVURRPV (DFK FODVV KROGV
VL]HV DUH VWXGHQWV 7KH VFKRRO KDV VWXGHQWV HQUROOHG DQG DSSUR[LPD
H[WUDFXUULFXODU DFWLYLWLHV DQG SRG OHDUQLQJ (DFK JUDGH OHYHO KDV FODVVU
H[WUD VSDFH IRU JXHVW VSHDNHUV VSHFLDO HYHQWV DQG LQGRRU ILHOG WULSV

:LFKLWD 6WDWH 8QLYHUVLW\ 7HDFKHU /LFHQVXUH &DSVWRQH

7DEOH 6WXGHQW &KDUDFWHULVWLFV WR :KLFK HQWLUH VHFWLRQ :ULWH WKH FODVVURRP ,QFOXGH FXUULFXODU DQG H[WUD FXUULFXODU LQWHUHVWV DFDGH

6WXGHQW &KDUDFWH	*HQHUDO 'HVFULSWLF	,PSOLFDWLRQ IRU 7HDF
&XUULFXODU DQG H[LQWHUHVWV ,PSDFW FODVVURRP	7KLV FODVV FRQVLVWV RI VWX ER\V DQG DUH JLUOV $OO RI WI DUH HPRWLRQDOO\ VWDEOH DQG FRQVLVWLQJ RI ERWK SDUHQWV ROGHU DQG VRPH HYHQ KDYH SH RI VWXGHQWV KDYH ERWK SDUHC KRPH $OO VWXGHQWV DUH XSSH LQ QHDUE\ QHLJKERUKRRGV ZLW 6WXGHQWV WKDW OLYH QHDUE\ S QHLJKERUKRRG HYHQWV DQG DUI VSRUWV WHDPV DQG SOD\ LQ WK ZHHNHQGV 7KLV DOVR PHDQV WI VWXGHQWV VHH HDFK RWKHU RX WKHLU H[WUDFXUULFXODU DFWL RXWVLGH WRJHWKHU LQ WKHLU (WKH FODVV FRQVLVWV RI PRVWO VWXGHQWV KDYH FXOWXUDOO\ G DUH DZDUH RI RWKHU ODQJXDJHV DVLGH IURP (QJOLVK RI WKH V EXW VSHDN (QJOLVK DV WKHLU I	3DUHQW LQYROYHPHQW ZRXOG EH KDYH ERWK SDUHQWV ZRUNLQJ RX QHHGV WR EH WDNHQ LQWR FRQVI FKDSHURQHV IRU ILHOG WULSV DC ZRXOG UHTXLUH SDUHQW SDUWLF 0RVW RI WKH VWXGHQWV PD\ NQR WKH H[WUDFXUULFXODU DFWLYLV OLYLQJ LQ WKH VDPH QHLJKERUK VWXGHQWV DOWHUQDWH SHHU H[DSSURSULDWH WR SODQ OHVVRQV .LQGHUJDUWHQ FODVV ZLWKLQ WI LQWHUDFWLQJ ZLWK RWKHU SHHU .QRZLQJ WKDW P\ VFKRRO DQG P\
3UHYLRXVO\ GHPRQV SHUIRUPDQFH $ERYH VWDQGDUG 0HHWV VWDQGDUG %HORZ VWDQGDUG		
,QWHUSHUVRQDO LQ LQ FODVV		
)DPLO\ DQG RU FRPPX EDFNJURXQG		

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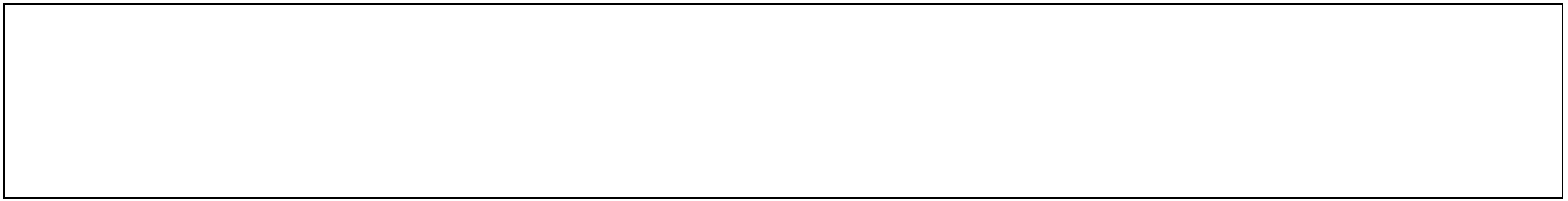

1DUUDWLYH 2YHUYLHZ RI WKH XQLW REMHFWLYHV DVVHVVPHQW WDVNV DQG WHVWV VWDQGDUGV"

6WXGHQWV ZLOO EHJLQ WKLV XQLW E\ GRLQJ VLPSOH H[SORUDWLRQ DQG KDYLQJ H[SRVXUH WR SURJUHVVHV VWXGHQWV ZLOO XQGHUVWDQG WKDW WKHUH DUH DQG GLPHQVLRQDO VKDSHV YRFDEXODU\ WHUPV XVHG WR GHVFULEH WKHP WKH\ ZLOO KDYH DQ RSSRUWXQLW\ WR XVH VK WKH\ ZLVK XVLQJ VKDSHV WKH\ KDYH OHDUQHG DERXW WR XQGHUVWDQG WKDW PDQ\ VKDSHV ELJJHU RQHV

' 7DEOH ± ,QVWUXFWLRQDO 2EMHFWLYHV 8QLW 3ODQ PLQLPXP OHVVRQV PD[LPXP

/HVV	'DWH	/HDUQLQ 2EMHFW	,QVWUXFWLRQDO $FWLYL	'HVFULEH 6SHFLILF $GDSWDWLRQV 'HVLJQ IRU /HDUQLQJ 8'/
	:HHN 'D\	6KDSH ([SORUD ,QWURG WR XQ	6WXGHQWV ZLOO EH JLYHQ H[SORUH D YDULHW\ RI VKD DQG DFWLYLWLHV WKURXJK 7KH WHDFKHU ZLOO DGPLQ 3UH DVVHVVPHQW 6WXGHQWV ZLOO FROODER LGHDV RI WKHLU REVHUYD	$OO VWXGHQWV ZLOO KDYH WKH RSSR VKDSHV 7KH H[SORUDWLRQ RI WKLV DFWLYLW H[SHULHQFH WKH VDPH NLQG RI VKDS WKHLU RZQ REVHUYDWLRQV 6KDSH QDPHV ZLOO EH ZULWWHQ LQ FODVVURRP WR KHOS ERWK VWXGHQW DUH OHDUQLQJ WR UHDG VLPSOH ZRU

:LFKLWD 6WDWH 8QLYHUVLW\ 7HDFKHU /LFHQVXUH &DSVWRQH


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VKRXOG KDYH EHHQ DEOH WR VRUW LQGLYLGXDOO\ /HVVRQ WRRN PRUH WLPH WKDQ LQW
DGGLWLRQDO WLPH ZKLFK PHDQW PRUH VWXGHQWV KDG WR ZDLW ORQJHU ZLWK QR DFWL
JURXSV RI QR PRUH WKDQ VWXGHQWV

HVSHFLDOO\ ZKHQ SHUIRUPLQJ ZLWK D ODUJH JURXS RI VWXGHQWV 6HSDUDWLRQ VWXGH
ZHOO DV KDYH HQRXJK PDWHULDOV WR VRUW DQG JHW PRUH LQGLYLGXDOL]HG LQVWUXF
GLG \HVWHUGD\

RI L6S\ WR JUDE WKH DWWHQWLRQ RI WKH VWXGHQWV DV LW LV D IDPLOLDU JDPH WKH\ I
VHHQ RQ SKRWRJUDSKV 7R VROYH WKLV VWXGHQWV ZHUH DVNHG WR WKLQN DERXW WK
WR GR ZLWK VRPHWKLQJ DOO VWXGHQWV KDYH VHHQ LQ WKHLU GDLO\ OLIH DQG LQ WKH

IDPLOLDU ZLWK DOO WKH VKDSHV DQG FRXOG DQVZHU ZLWK FRQILGHQFH 6WXGHQW 7 ZD
DVVHVVHG DV WKH\ ZHUH ZRUNLQJ RQ WKHLU VFXOSWXUHV DQG KDG WR EH HQFRXUDJHG
MXVW RQH VKDSH WR FUHDWH D VFXOSWXUH 6WXGHQWV ZHUH DEOH WR HIIHFWLYHO\ FR
WKHLU VFXOSWXUH 6WXGHQWV ZHUH DEOH WR XQGHUVWDQG WKH GLIIHUHQFH EHWZHHQ

% 6WXGHQW ,QWHUDFWLRQ6WXGHQW(QJDJHPHQW*LYLQJ SOHQW\ RI IHHGEDFN WR VWXGHQWV

3UH $VVHVVPHQW	
'HVFULSWLRQ RI UH SUH DVVHVVPHQW F	6WXGHQWV ZHUH IDPLOLDU ZLWK WKH EDVLF VKDSHV VXFK DV VTX XQNQRZQ DQG YRFDEXODU\ RI VLGHV DQG FRUQHUV ZHUH XQNQRZQ QDPHG WKHP DIWHU ' VKDSH QDPHV H[FXEH VTXDUH 5HVXOWV IHZ VKDSH QDPHV EXW ZHUH XQDEOH WR GHVFULEH RU UHFRJQL]H 5HVXOWV LQGLFDWHG WKDW VKDSH DWWULEXWH YRFDEXODU\ ZLO LPSRUWDQW HVSHFLDOO\ IRU ' YV ' VKDSHV
'HVFULEH KRZ SUH D ZDV XVHG WR SURFH LQVWUXFWLRQ IRU	3UH DVVHVVPHQW GDWD ZDV UHYLHZHG DQG OHVVRQ SODQV ZHUH DOUHDG\ NQRZQ ZHUH EULHIO\ WDONHG RYHU DQG PRUH HPSKDVLV DWWULEXWH YRFDEXODU\ ZHUH VWUHVVHG :KHQ VWXGHQWV ZHUH UHVXOWV IURP WKH SUHWHVW ZHUH UHYLHZHG LQ FRQVLGHUDWLR
)RUPDWLYH $VVHVVPHQW	
VWXGHQW SHUIRUPD IRUPDWLYH DVVHVV	6WXGHQWV ZHUH DEOH WR DQVZHU TXHVWLRQV GXULQJ IRUPDWLY TXHVWLRQLQJ RU EUDLQVWRUPLQJ LGHDV ZHUH JLYHQ VR VWXGHQ XQGHUVWDQGLQJ ZKDW ZDV EHLQJ DVNHG
'LVFXVV WKH UHVX WKH OHDUQLQJ REM	6WXGHQWV VXFFHVVIXOO\ ZHUH DEOH WR PDNH FRQQHFWLRQV WR HQYLURQPHQW DQG PDNH UHDO OLIH FRQQHFWLRQV H[³WKH VSK

2EMHFWLYH 6WXGHQWV ZKR VFRUHG ORZHU RQ WKH SUHWHVW GLG PXFK EHWWHU RQ WKH SRVWWHVW DQG GXULQJ WKH SRVW WHVW 6WXGHQWV ZHUH DEOH WR FRUUHFWO\ QDPH WKHVH VKDSHV EDVHG RQ H[DPSOHV VWDQFH DQG ZHUH HYHQ DEOH WR UHPHPEHU WKH YRFDEXODU\ D VKRZQ LQ FODVV DQG VXFFHVVIXOO\ ZRUN DEOH WR FRUUHFWO\ QDPH WKHVH VKDSHV UHJDUGOH REMHFWV	6WXGHQWV ZKR VFRUHG ORZHU RQ WKH SUHWHVW GLG PXFK EHWWHU RQ WKH SRVW WHVW 6WXGHQWV ZHUH DEOH WR FRUUHFWO\ QDPH WKHVH VKDSHV UHJDUGOHVV RI WKHLU SURMHFW VFXOSWXUHV RU ZKHQ VKDULQJ WKHLU ZRUN ZLWK W

%'HVFULSWLRQ RI /HDVW 6XFFHVVIXO 2EMHFWLYHV OLPLWHG WR SDJH

%DVHG RQ WKH DQDO\ DVVHVVPHQW UHVXOW OHDVW VXFFHVVIXO C IURP WKH XQLW	([SODLQ ZK\ WKHVH REMHFWLYH V ZHUH QRW DV VXFFHVVI WKH OHDVW VXFFHVVIXO REMHFWLYHV LGHQWLILHG
2EMHFWLYH YLUWXDO FRPSDULQJ ' VKDSHV DC VKDSHV ³VROLG´ YV ³IC	6WXGHQWV VW ð€p0@p0 6WXGHa,·OLG´ YV ÂÕ•`0;Q8VK™P…`±•VK™P..

%DVHG RQ WKH WHDFKLQJ RI WKH DQG WZR GHWDLOHG OHVVRQV LGHQWLI\ RI \RXU LQVWUXFWLRQ WKDW VKRZV UHDVRQLQJ	XQLW VWXGHQW SHUIRUPDQFH :RUN VDPSOHV WR WDNH WR LPSURYH ([SODLQ
$SSHFW (/) (QJDJLQJ /HDUQHU)RFXV HWWLQJ LQ RENHFWLYHV WR XQGHUVWDQG WKHLU ZD\V WR JHW VWXGHQWV HQJDJHG EHIRUH WKH OHVVRQ DVN TXHVWLRQV WKURXJKRXW WKH OHVVRQ WR HQVXUH XQGHUVWDQGLQJ 3URYLGH RSSRUWXQLWLHV IRU VWXGHQWV UHSRUW LQIRUPDWLRQ IRU LQDWWHQWLYH VWXGHQWV	
$SSHFW /HVVRQ GHOLYHU\ SDFLQJ PRUH WLPH WKDQ DQWLFLSDWHG %HLQJ IOH[LEOH RQ WKH WLPH DQG PDWHULDO HQVXUH TXDOLW\ RI GHOLYHU\ YV TXDQWLW\ RI GHOLYHUHG LV PDLQWDLQHG	0RQLWRU WLPH FRQVLGHUDWLRQV GHOLYHU\ SDUDPHWHUV FDQ KHOS PH JDLQ I RU H[FHHGHG DQG WKHQ L VKRUWHU WR DGMXVW SDFH RU WLPH DOORFDWLRQ WKDW LW LV RND\ LI D O FRQWHQW LV FRQFHQWUDWHG DQG SURYLGHV PRUH LQIR ZLWKLQ D WLPH IUDPH WR ILW D VFKHGXOH .HHSLQJ D WLPHU DFWLYH ZKHQ WHDFKLQJ DQG VSOLWW PXOWLSOH SDUWV WR HQVXUH D WLPHO\ GHOLYHU\

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Use this section to list credible resources you cited in the text to inform and/or support your instructional decisions/rationale in this work sample.

:LFKLWD 6WDWH 8QLYHUVLW\ OHVVRQ SODQ WHPSODWH
'HPRJUDSKLF GDWD FKDUWV E\ $GREH

'HPRJUDSKLF 'DWD IRU 6FKRRO

Assessment & Criteria	Students will be informally assessed during the lesson activity. Students' names and their knowledge of each shape name will be charted on a page to make sure students get a chance to show their understanding of the objectives until the end of the unit. Students will be evaluated on their responses or activity progress.
Content Vocabulary	Known: sides, corners, straight, long, same, different, flat, solid Unknown: cubes, cones, cylinders, spheres, squares, circles, triangles, rectangles, hexagons
Preparation for Lesson	Materials and Resources Required: iPad, AR codes on notecards, 2D or "flat" shape set, 3D or "solid" foam shapes large enough for students to hold, play food or play items that represent real-world items that are both 2 and 3D. Picture cards of shapes, large sorting circles or small hula hoops. Book: ***Shapes, Shapes, Shapes*** by Tana Hoban. Large print vocabulary cards. Technology/app: https://play.google.com/store/apps/details?id=com.Zakeya.D3ShapesAr&hl=en_US&gl=US AR codes printed on notecards and taped to the table so students can use AR camera on iPad and view shapes in 3D
Universal Design	Student T: Visually impaired - This student needs to be seated up close during circle discussion times, any visuals used must be clearly visible and in large format. Student T may need to look at visual examples off of an iPad if photos are unclear or too small. Vocabulary cards need to be in large print. An assortment of large shapes both 2D and 3D must be provided for student T.

INSTRUCTIONAL SEQUENCE **Model of instruction:** Teacher directed instruction (I do, you do, we do method)	
Background knowledge	Students have been exploring a variety of shapes and have been exposed to different shapes throughout the classroom and centers prior to this lesson. Students are already able to pick up a shape and describe the way it looks by using the words: sides, corners, straight, long, same, different, flat, solid.

Student Selection/ Size: 12 Students	**Grade Level:** Kindergarten
Subject: Math	**Lesson Topic:** Geometry - Shapes
Lesson Length: 20 minutes	**Lesson Schedule:** Week 3 - Day C

LESSON PLAN LOGISTICS	
KCCR Standard(s) Content Area #1	M.G.K.2: Correctly name shapes regardless of their orientations or overall size. M.G.K.3: Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”).
KCCR Standard(s) Content Area #2	L.K.5a: Sort common objects into categories (e.g., shapes, foods) to gain a sense of the concepts the categories represent.
Lesson Objective	The students will be able to correctly name shapes both two and three dimensional with accuracy of six out of nine shapes.
Assessment & Criteria	Students will be informally assessed during the lesson activity. Students' names and their knowledge of each shape name will be charted on a page to make sure students get a chance to show their understanding of the objectives until the end of the unit. Students will be evaluated on their responses or activity progress.
Content Vocabulary	Known: sides, corners, straight, long, same, different, flat, solid Unknown: cubes, cones, cylinders, spheres, squares, circles, triangles, rectangles, hexagons

Preparation for Lesson	Materials and Resources Required: iPad, AR codes on notecards, 2D or “flat” shape set, 3D or “solid” foam shapes large enough for students to hold, play food or play items that represent real-world items that are both 2 and 3D. Picture cards of shapes, large sorting circles or small hula hoops. Book: ***Shapes, Shapes, Shapes*** by Tana Hoban. Large print vocabulary cards. Teacher App: https://play.google.com/store/apps/details?id=com.Zap

GRPLQR MSHJ
PLON FDUWRQ MSHJ

SDUW\ KDW MSHJ
GUXP MSHJ
GLH MSHJ
SDGGOH MSHJ

SDUW\ KDW MSHJ
7ULDQJOH LQVWUXPHQW MSHJ
SDSHU WRZHO WXEH MSHJ
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SDUW\ KDW MSHJ
EORFN MSHJ
SRW MSHJ
SURSDQH WDQN MSHJ

SDUW\ KDW MSHJ
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Points scored
Pre-Test
Post-Test
FB
RM
AD
PL
VR
ER
YF
NA