

IN PAIRS  
WITH PARTNERS  
Opposite side of Mat

# Six Bricks

## Crossing the B-Line

( up, down, forward, backward, left, right, in front of, behind, to the left of, to the right of, on top of, twist & flip )

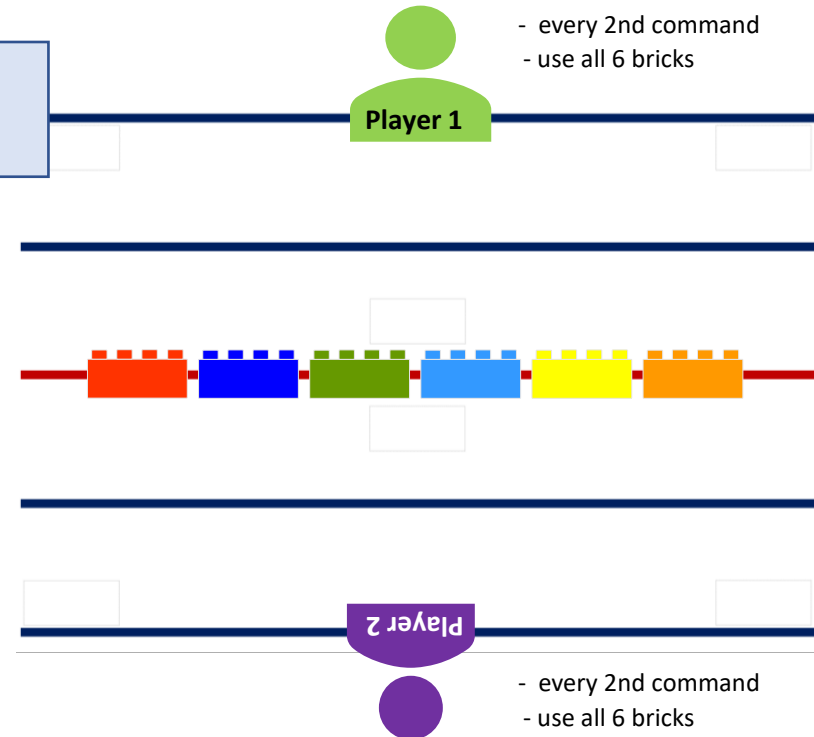
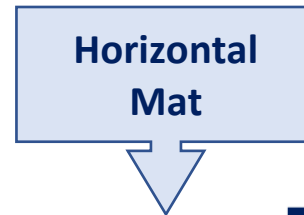
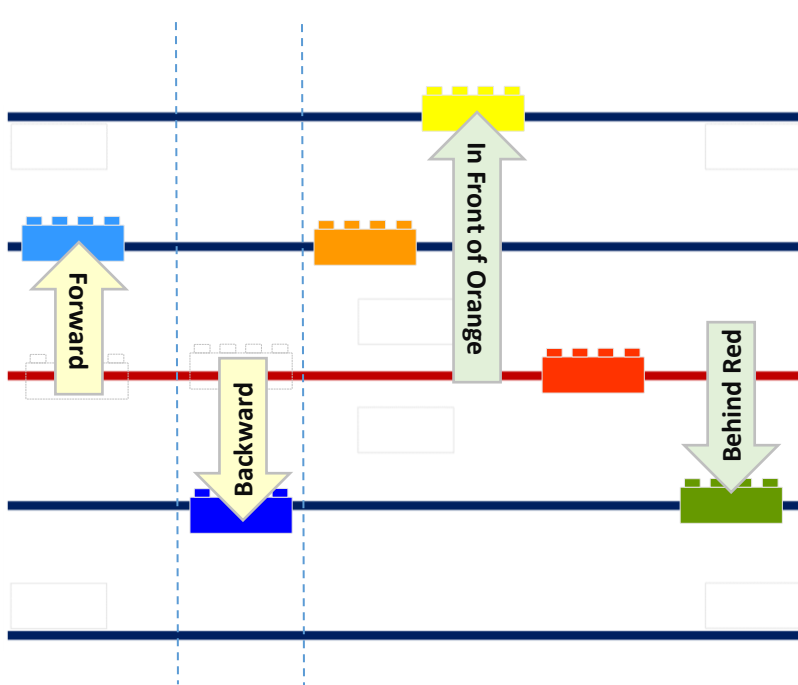


Six Bricks

# Crossing the B-Line : Working with Partners - Opposite Sides

Great option if you only have a few mats - or if you want people to work in pairs.

**NB** : To be used with **Task Template for working with a Partner** ( every 2nd line is highlighted : green = horizontal mat )



Horizontal Templates :	Options :	Excel Tabs / Templates
Backward & Forward	1 - 10	B&F HO <input type="checkbox"/>
Behind & In Front of ( <i>in line with</i> )	1 - 6	B&I HO <input type="checkbox"/>
Back & Forward, Twist & Flip	1 - 10	F&T HO <input type="checkbox"/>
Behind, In Front, Flip & Twist	1 - 6	BIFT HO <input type="checkbox"/>
Mixed movements	1 - 4	T HO <input type="checkbox"/>

*Start slowly - increase speed*

**EF** Can substitute any colour or movement with it's starting letter for any of the templates

Task Template for working with a Partner - Partner is on opposite side of the mat

B&F HO Option 1

B&F HO Option 2

B&F HO Option 3

B&F HO Option 4

B&F HO Option 5

Light Blue	Backward	Yellow	Forward	Light Blue	Forward	Red	Forward	Orange	Forward
Green	Backward	Red	Backward	Green	Backward	Dark Blue	Forward	Red	Forward
Orange	Forward	Orange	Backward	Red	Forward	Yellow	Forward	Yellow	Forward
Red	Forward	Dark Blue	Backward	Dark Blue	Forward	Red	Forward	Light Blue	Backward
Dark Blue	Backward	Green	Backward	Yellow	Backward	Green	Backward	Green	Backward
Green	Backward	Light Blue	Backward	Light Blue	Forward	Light Blue	Forward	Yellow	Forward
Yellow	Forward	Red	Forward	Light Blue	Backward	Orange	Backward	Dark Blue	Backward
Orange	Forward	Orange	Backward	Green	Forward	Dark Blue	Forward	Red	Backward
Red	Forward	Green	Backward	Red	Backward	Yellow	Backward	Green	Forward
Light Blue	Backward	Dark Blue	Forward	Dark Blue	Forward	Orange	Forward	Light Blue	Forward
Orange	Backward	Light Blue	Forward	Light Blue	Backward	Light Blue	Forward	Dark Blue	Backward
Red	Backward	Green	Backward	Dark Blue	Backward	Yellow	Forward	Orange	Forward
Green	Backward	Orange	Forward	Green	Forward	Light Blue	Backward	Red	Backward
Dark Blue	Forward	Yellow	Backward	Light Blue	Backward	Green	Forward	Orange	Forward
Yellow	Backward	Red	Backward	Red	Forward	Red	Backward	Green	Backward
Red	Forward	Green	Backward	Dark Blue	Backward	Orange	Backward	Dark Blue	Backward
Orange	Forward	Dark Blue	Forward	Red	Backward	Yellow	Backward	Red	Forward
Dark Blue	Backward	Green	Backward	Yellow	Backward	Orange	Forward	Orange	Backward
Green	Backward	Light Blue	Backward	Green	Backward	Light Blue	Backward	Dark Blue	Forward
Dark Blue	Backward	Yellow	Forward	Light Blue	Backward	Red	Forward	Green	Backward

All end on Red line

All end Forward 1 line

All end on Red line

All end Backward 2 line

All end on Red line

Which did you move 1st ?

Yellow

Which col did not move ?

Orange

Which did you move BW 1st ?

Dark Blue

Which did you move 2nd ?

Red

Task Template for working with a Partner - Partner is on opposite side of the mat

B&F HO Option 6

B&F HO Option 7

B&F HO Option 8

B&F HO Option 9

B&F HO Option 10

Yellow	Backward	Red	Backward	Orange	Forward	Dark Blue	Forward	Yellow	Forward
Red	Forward	Orange	Backward	Green	Backward	Red	Backward	Orange	Backward
Orange	Forward	Light Blue	Backward	Red	Forward	Light Blue	Forward	Red	Backward
Dark Blue	Forward	Green	Backward	Dark Blue	Forward	Dark Blue	Backward	Light Blue	Backward
Green	Forward	Dark Blue	Backward	Yellow	Backward	Red	Forward	Dark Blue	Backward
Light Blue	Forward	Green	Backward	Orange	Forward	Orange	Forward	Green	Backward
Red	Backward	Orange	Backward	Orange	Backward	Yellow	Forward	Red	Backward
Orange	Forward	Yellow	Backward	Green	Forward	Green	Forward	Orange	Forward
Green	Forward	Orange	Backward	Red	Backward	Light Blue	Forward	Dark Blue	Forward
Dark Blue	Backward	Light Blue	Backward	Dark Blue	Forward	Green	Backward	Yellow	Forward
Light Blue	Backward	Green	Backward	Orange	Backward	Orange	Forward	Light Blue	Backward
Green	Forward	Red	Backward	Dark Blue	Backward	Yellow	Backward	Green	Forward
Orange	Backward	Yellow	Backward	Green	Forward	Orange	Forward	Dark Blue	Backward
Yellow	Forward	Dark Blue	Backward	Orange	Backward	Red	Forward	Light Blue	Backward
Red	Forward	Green	Backward	Red	Forward	Green	Backward	Orange	Backward
Green	Forward	Red	Backward	Dark Blue	Backward	Dark Blue	Forward	Green	Backward
Dark Blue	Backward	Dark Blue	Backward	Red	Backward	Green	Forward	Light Blue	Forward
Green	Forward	Orange	Backward	Yellow	Backward	Light Blue	Forward	Orange	Backward
Light Blue	Forward	Red	Backward	Green	Backward	Yellow	Backward	Yellow	Forward
Yellow	Backward	Dark Blue	Backward	Orange	Backward	Green	Backward	Green	Forward

All end Backward 1 line

All end on Red line

All end on Red line

All end Forward 1 line

Two on Red line  
One on all other lines

Was there a move pattern ?  
BW then FW

Which col did not move ?  
Light Blue

Which did you move 1st ?  
Dark Blue

Task Template for working with a Partner - Partner is on opposite side of the mat

B&I HO Option 1

B&I HO Option 2

B&I HO Option 3

Green	in front of	Red	Red	in front of	Dark Blue	Dark Blue	in front of	Red
Orange	in front of	Red	Green	behind	Yellow	Green	behind	Yellow
Light Blue	behind	Red	Yellow	in front of	Dark Blue	Yellow	in front of	Dark Blue
Dark Blue	in front of	Red	Dark Blue	behind	Orange	Red	in front of	Orange
Yellow	behind	Red	Light Blue	behind	Dark Blue	Orange	behind	Green
Light Blue	in front of	Dark Blue	Red	in front of	Yellow	Light Blue	in front of	Red
Orange	behind	Yellow	Green	in front of	Orange	Yellow	behind	Red
Dark Blue	behind	Red	Light Blue	in front of	Yellow	Dark Blue	in line with	Yellow
Light Blue	behind	Green	Dark Blue	in front of	Orange	Red	behind	Green
Yellow	in front of	Dark Blue	Red	behind	Orange	Light Blue	in line with	Orange
Orange	in front of	Green	Green	behind	Red	Red	in front of	Light Blue
Dark Blue	in front of	Red	Light Blue	behind	Yellow	Orange	behind	Dark Blue
Orange	behind	Yellow	Dark Blue	in front of	Yellow	Green	in front of	Red
Green	behind	Dark Blue	Green	in front of	Red	Light Blue	in front of	Red
Yellow	in front of	Red	Dark Blue	behind	Yellow	Yellow	in line with	Orange
Dark Blue	behind	Yellow	Red	in front of	Yellow	Dark Blue	in front of	Light Blue
Green	behind	Red	Yellow	behind	Orange	Red	behind	Light Blue
Light Blue	in front of	Red	Dark Blue	in front of	Light Blue	Green	in front of	Light Blue
Orange	in front of	Green	Light Blue	behind	Yellow	Light Blue	in line with	Orange
Dark Blue	behind	Red	Orange					

Two on each line

Which col did not move ?

Red

Two on Red line  
One on all other lines

All end Forward 1 line

Which did you move 1st ?

Dark Blue

Task Template for working with a Partner - Partner is on opposite side of the mat

B&I HO Option 4

B&I HO Option 5

B&I HO Option 6

Red	in front of	Green	Yellow	in front of	Light Blue	Orange	in front of	Yellow
Light Blue	in front of	Dark Blue	Orange	in front of	Yellow	Red	in line with	Orange
Yellow	in front of	Orange	Green	behind	Dark Blue	Dark Blue	behind	Light Blue
Dark Blue	swop with	Red	Red	behind	Green	Yellow	in line with	Dark Blue
Green	behind	Orange	Orange	behind	Yellow	Green	behind	Orange
Light Blue	behind	Green	Red	in front of	Yellow	Red	behind	Yellow
Orange	in front of	Yellow	Green	in front of	Light Blue	Green	in front of	Dark Blue
Red	in front of	Dark Blue	Red	behind	Dark Blue	Orange	behind	Light Blue
Green	swop with	Orange	Yellow	behind	Red	Yellow	in front of	Green
Red	behind	Yellow	Orange	in front of	Green	Red	behind	Orange
Light Blue	in line with	Red	Yellow	in front of	Dark Blue	Dark Blue	in front of	Yellow
Green	behind	Yellow	Orange	behind	Yellow	Orange	in line with	Yellow
Orange	in front of	Yellow	Red	in front of	Yellow	Green	in front of	Orange
Dark Blue	in line with	Light Blue	Green	behind	Light Blue	Light Blue	in line with	Dark Blue
Red	in front of	Yellow	Yellow	behind	Orange	Orange	behind	Green
Yellow	swop with	Orange	Green	behind	Dark Blue	Yellow	in front of	Orange
Red	in line with	Light Blue	Yellow	in front of	Green	Red	in front of	Orange
Yellow	behind	Orange	Orange	behind	Green	Orange	in line with	Yellow
Orange	in line with	Dark Blue	Green	in line with	Red	Yellow	in line with	Red

All end Red line

Which col did not move ?

None

Both Blues on Red line

Rest on Top line

Which col did not move ?

Both Blues

Orange ends on Red line

Rest on Top line

Task Template for working with a Partner - Partner is on opposite side of the mat

F&T HO Option 1

F&T HO Option 2

F&T HO Option 3

F&T HO Option 4

F&T HO Option 5

Light Blue	Backward	Yellow	Flip	Orange	Twist	Green	Forward	Dark Blue	Twist
Green	Flip	Red	Twist	Red	backward	Orange	forward	Yellow	Flip
Orange	Forward	Orange	Flip	Green	Flip	Yellow	Flip	Light Blue	Twist
Red	Twist	Dark Blue	Twist	Red	backward	Red	Flip	Red	Flip
Dark Blue	Backward	Green	Forward	Yellow	Twist	Dark Blue	Twist	Green	Twist
Green	backward	Light Blue	forward	Dark Blue	forward	Light Blue	Flip	Orange	Flip
Yellow	Flip	Red	Flip	Light Blue	Flip	Yellow	Forward	Dark Blue	Forward
Orange	backward	Orange	Twist	Dark Blue	forward	Dark Blue	forward	Light Blue	Flip
Light Blue	Twist	Red	Forward	Orange	Flip	Orange	Twist	Yellow	Twist
Dark Blue	Flip	Dark Blue	Twist	Red	forward	Red	forward	Red	forward
Orange	Backward	Light Blue	Forward	Green	Twist	Dark Blue	Flip	Light Blue	Twist
Green	Flip	Orange	backward	Dark Blue	backward	Green	backward	Dark Blue	forward
Yellow	Forward	Yellow	Forward	Yellow	Flip	Light Blue	Backward	Orange	Flip
Dark Blue	backward	Dark Blue	backward	Red	Twist	Light Blue	Twist	Green	Twist
Green	Backward	Orange	Flip	Light Blue	Twist	Red	Forward	Red	Flip
Light Blue	Twist	Red	Flip	Dark Blue	backward	Dark Blue	forward	Dark Blue	Twist
Orange	Backward	Light Blue	Forward	Red	Flip	Green	Twist	Yellow	Flip
Light Blue	backward	Red	Twist	Dark Blue	Twist	Red	backward	Light Blue	Flip
Yellow	Backward	Yellow	Flip	Red	Backward	Green	Twist	Yellow	Twist
Red	Twist	Orange	Twist	Dark Blue	Flip	Light blue	forward	Red	backward

All end on Red line  
( 4up & 2down )

All end Forward 1 line  
Which did you move 1st ?  
Yellow

All end on Red line  
( twisted & studs down )

None end on Red line  
( each blue line has  
different brick orientation )

All end Red line  
Which 2 bricks moved ?  
Dark Blue & Red

Task Template for working with a Partner - Partner is on opposite side of the mat

F&T HO Option 6

F&T HO Option 7

F&T HO Option 8

F&T HO Option 9

F&T HO Option 10

Red	Forward	Orange	Twist	Light Blue	Flip	Dark Blue	Twist	Green	Backward
Dark Blue	forward	Light Blue	Flip	Yellow	Twist	Yellow	backward	Red	Flip
Light Blue	Flip	Green	Twist	Dark Blue	Flip	Red	Flip	Dark Blue	Forward
Yellow	Flip	Yellow	Flip	Orange	Twist	Yellow	backward	Yellow	Twist
Orange	Twist	Red	Twist	Red	Forward	Light Blue	Twist	Orange	Backward
Green	Flip	Dark Blue	Flip	Green	forward	Orange	forward	Red	backward
Light Blue	Forward	Orange	Forward	Yellow	Flip	Green	Flip	Light Blue	Flip
Orange	forward	Green	Flip	Dark Blue	Twist	Orange	forward	Dark Blue	backward
Dark Blue	Twist	Light Blue	Twist	Yellow	Forward	Dark Blue	Flip	Green	Twist
Yellow	forward	Yellow	forward	Orange	Twist	Yellow	forward	Orange	Flip
Orange	Flip	Green	Twist	Green	Forward	Red	Twist	Dark Blue	Backward
Red	backward	Orange	forward	Dark Blue	backward	Orange	backward	Red	Flip
Green	Backward	Dark Blue	Flip	Light Blue	Forward	Light Blue	Flip	Light Blue	Forward
Green	Twist	Red	Twist	Orange	backward	Yellow	Twist	Orange	backward
Yellow	Forward	Yellow	Flip	Dark Blue	Flip	Green	Twist	Red	Backward
Orange	forward	Orange	Twist	Yellow	Flip	Orange	backward	Green	Twist
Red	Twist	Light Blue	Flip	Green	Forward	Yellow	Flip	Dark Blue	Backward
Yellow	backward	Green	Flip	Yellow	Twist	Orange	Twist	Green	backward
Red	Twist	Light Blue	Twist	Light Blue	Flip	Yellow	Backward	Light Blue	Backward
Green	forward	Yellow	backward	Dark Blue	Twist	Orange	Flip	Yellow	Twist

None end on Red line  
( each blue line has  
different brick orientation )

All end Red line  
  
Which 2 bricks moved ?  
Orange & Yellow

All end Forward 1 line  
  
Which did you move 1st ?  
Light Blue

All end on Red line  
( twisted & studs down )

All end on Red line  
( 4up & 2down )



Task Template for working with a Partner - Partner is on opposite side of the mat

**BIFT HO Option 1**

Dark Blue	in front of	Red
Orange	Twist	
Red	behind	Green
Yellow	Flip	
Green	behind	Red
Ligth Blue	Twist	
Red	in front of	Dark Blue
Green	Twist	
Dark Blue	Flip	
Red	in front of	Yellow
Green	Twist	
Dark Blue	on top of	Green
Green	in front of	Red
Yellow	on top of	Red
Dark Blue	Twist	
Green	on top of	Light Blue
Red	Twist	
Orange	on top of	Yellow
Red	on top of	Dark Blue
Yellow	Twist	

All stacked and end on **Red** line

Which did you move 1st ?

**Dark Blue**

**BIFT HO Option 2**

Orange	behind	Light Blue
Red	behind	Yellow
Dark Blue	behind	Orange
Green	behind	Red
Yellow	Twist	
Green	Flip	
Light Blue	Flip	
Orange	Twist	
Red	behind	Orange
Dark Blue	Flip	
Yellow	behind	Orange
Orange	Flip	
Green	Twist	
Yellow	Twist	
Red	Flip	
Light Blue	in front of	Orange
Orange	Twist	
Yellow	Flip	
Green	Twist	
Green	in front of	Orange
Orange	backward	

All flipped on **Backward 2** line

**BIFT HO Option 3**

Red	Flip	
Dark Blue	Twist	
Orange	in front of	Red
Green	Flip	
Light Blue	Twist	
Yellow	in front of	Dark Blue
Light Blue	in front of	Orange
Dark Blue	in front of	Yellow
Red	Twist	
Yellow	Flip	
Green	Flip	
Dark Blue	Twist	
Dark Blue	in front of	Yellow
Yellow	backward	
Light Blue	Twist	
Yellow	Flip	
Light Blue	behind	Orange
Orange	forward	

All end on **Red** line

**Red** is twisted and flipped

Task Template for working with a Partner - Partner is on opposite side of the mat

**BIFT HO Option 4**

**BIFT HO Option 5**

**BIFT HO Option 6**

	Green	Twist		Dark Blue	in front of	Green		Light Blue	Twist	
	Orange	Flip		Green	Flip			Red	Flip	
	Red	Twist		Red	behind	Yellow		Yellow	Twist	
	Dark Blue	Flip		Yellow	Twist			Orange	Twist	
	Light Blue	Twist		Orange	in front of	Dark Blue		Dark Blue	Flip	
	Yellow	Flip		Dark Blue	Twist			Green	Twist	
	Red	Flip		Light Blue	behind	Red		Orange	Twist	
	Light Blue	behind	Yellow	Red	Flip			Dark Blue	Flip	
	Green	Flip		Green	behind	Red		Red	Flip	
	Orange	Twist		Red	behind	Dark Blue		Blues	behind	Red
	Green	behind	Red	Dark Blue	Flip			Green	Flip	
	Yellow	Twist		Yellow	behind	Dark Blue		Yellow	in front of	Dark Blue
	Dark Blue	Flip		Light Blue	Flip			Orange	behind	Yellow
	Red	Twist		Dark Blue	Twist			Green	Twist	
	Yellow	Twist		Yellow	Twist			Orange	Flip	
	Green	Flip		Orange	Flip			Yellow	behind	Red
	Yellow	Flip		Yellow	Flip			Green	behind	Red
	Orange	in front of	Green	Red	Flip			Yellow	Twist	
	Red	in front of	Light Blue	Red	behind	Dark Blue		Red	Twist	
	Green	behind	Dark Blue	Dark Blue	backward			Light Blue	Twist	

All end on different lines  
( each line has different brick orientation -  
one line has no bricks )

Only Red ends on Red line  
( others flipped and  
on top and bottom lines )

( each line has different brick orientation -  
two lines have no bricks - Red on Red )

**Task Template for working with a Partner - Partner is on opposite side of the mat**

**Twisted HO Option 1**

**Twisted HO Option 2**

	Green	in front of	twisted	Red			Dark Blue	behind	flipped	Red
	Yellow	behind	flipped	Dark Blue		twisted	Orange	in front of		Yellow
	Orange	in front of	flipped	Green			Light Blue	in front of	twisted	Green
	Light Blue	behind	twisted	Yellow		flipped	Yellow	behind		Dark Blue
	Dark Blue	in front of	flipped	Green			Red	behind	flipped	Dark Blue
	Green	behind	twisted	Red		twisted	Yellow	in front of		Orange
	Orange	behind	flipped	Red			Green	behind	flipped	Dark Blue
	Light Blue	in front of	twisted	Green		flipped	Light Blue	behind		Orange
	Dark Blue	behind	twisted	Light Blue			Yellow	behind	twisted	Orange
	Orange	behind	twisted	Dark Blue		flipped	Light Blue	behind		Dark Blue
	Red		twisted				Orange	behind	flipped	Yellow
	Yellow	in front of	flipped	Light Blue		twisted	Yellow	in line with		Red
	Orange	in front of	flipped	Dark Blue			Orange	behind	flipped	Dark Blue
	Yellow	in line with	twisted	Orange			Light Blue	in line with	twisted	Yellow
	Orange	behind	flipped	Light Blue						
	Green	in line with	twisted	Light Blue						
	Dark Blue	in front of	twisted	Orange						
	Orange	in line with	twisted	Light Blue						

All on Red line  
Red flipped and Twisted

Which col did not move backward or forward ?  
Red

All end Backward 2 line  
Three flipped - Three Normal

Task Template for working with a Partner - Partner is on opposite side of the mat

Twisted HO Option 3

Twisted HO Option 4

	Both Blues	in front of	twisted	Red		flipped	Green	in front of	twisted	Light Blue
	Yellow	on top of	twisted	Green		twisted	Orange	behind	flipped	Dark Blue
flipped	Orange	behind		Yellow		twisted	Red	in front of	flipped	Green
twisted	Red	in front of	twisted	Light Blue		twisted	Light Blue	behind	twisted	Orange
flipped	Dark Blue	behind	twisted	Orange		flipped	Yellow	in front of	flipped	Dark Blue
flipped	Light Blue	behind	twisted	Green		twisted	Green	in front of	flipped	Yellow
twisted	Orange	on top of	twisted	Light Blue		twisted	Light Blue	behind	flipped	Orange
flipped	Dark Blue	in front of		Yellow		twisted	Red	behind	twisted	Orange
flipped	Red	behind	twisted	Orange		flipped	Yellow	behind	twisted	Green
twisted	Dark Blue	behind	flipped	Yellow		flipped	Red	in front of	flipped	Orange
flipped	Red	in front of	twisted	Dark Blue		flipped	Yellow	in line with	twisted	Dark Blue
	Both Blues	in line with	twisted	Red		twisted	Orange	in line with	flipped	Dark Blue
	Red	on top of	twisted	Dark Blue		twisted	Dark Blue	in line with	flipped	Red
twisted	Orange	on top of	twisted	Red						
twisted	Dark Blue	on top of	flipped	Yellow						

All on Red line

All end stacked on Red line

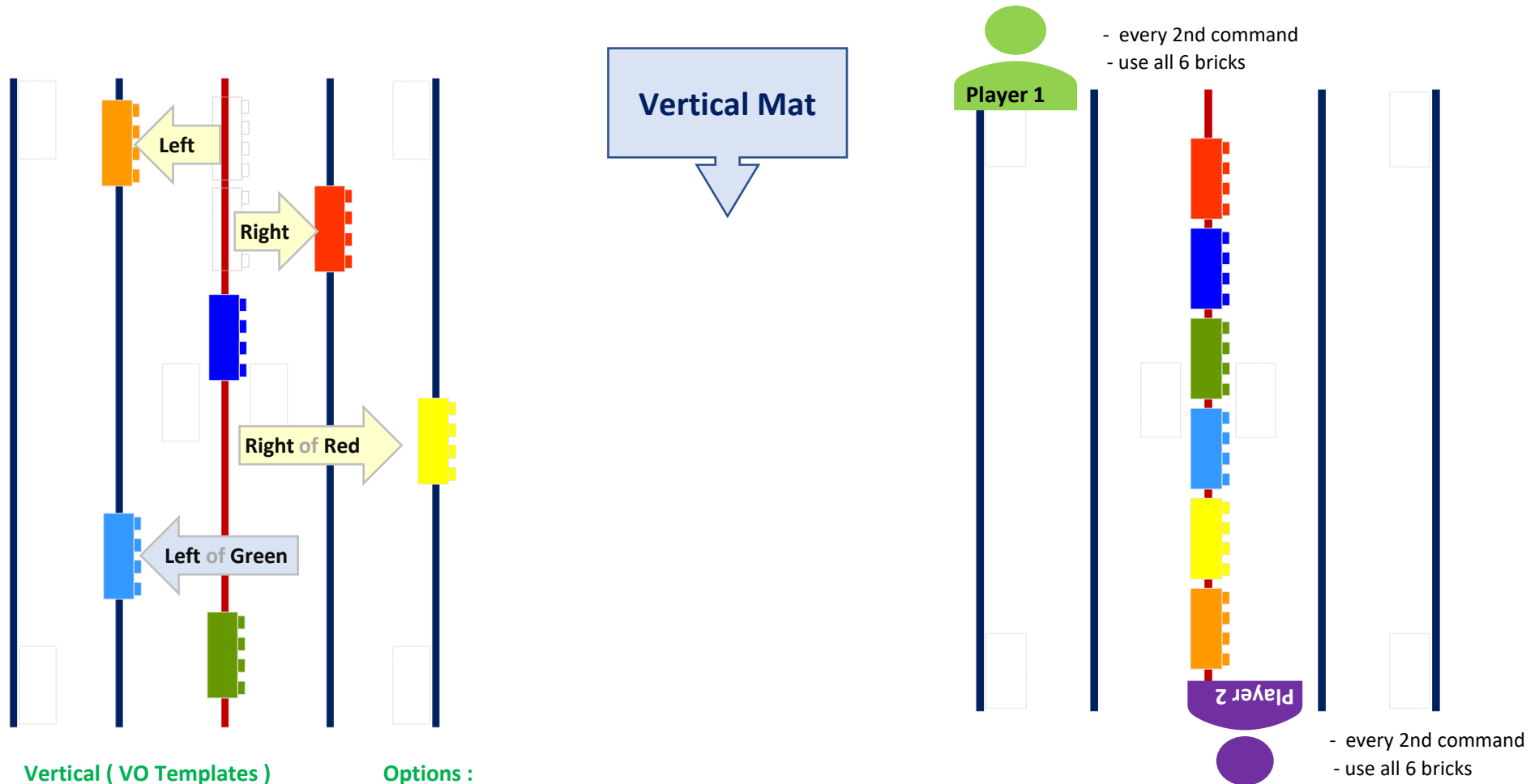
Which col did not move ?

None

# Crossing the B-Line : Working with Partners - Opposite Sides

Great option if you only have a few mats - or if you want people to work in pairs.

**NB** : To be used with **Task Template for working with a Partner** ( every 2nd line is highlighted : orange = vertical mat )



Left & Right 1 - 10

Left of & Right of (on top of) 1 - 8

Left & Right, Twist & Flip 1 - 10

Left & Right of, Twist & Flip 1 - 6

Flipped and Twisted moving LR 1 - 4

L&R VO	
L&R of VO	
F&T-LR VO	
LRFT VO	
LRT VO	

Start slowly - increase speed

**EF** Can substitute any colour or movement with it's starting letter for any of the templates

Task Template for working with a Partner - Partner is on opposite side of the mat

L&R Option 1

L&R Option 2

L&R Option 3

L&R Option 4

L&R Option 5

Light Blue	Left	Yellow	Right	Light Blue	Right	Red	Right	Orange	Right
Green	Left	Red	Left	Green	Left	Dark Blue	Right	Red	Right
Orange	Right	Orange	Left	Red	Right	Yellow	Right	Yellow	Right
Red	Right	Dark Blue	Left	Dark Blue	Right	Red	Right	Light Blue	Left
Dark Blue	Left	Green	Left	Yellow	Left	Green	Left	Green	Left
Green	Left	Light Blue	Left	Light Blue	Right	Light Blue	Right	Yellow	Right
Yellow	Right	Red	Right	Light Blue	Left	Orange	Left	Dark Blue	Left
Orange	Right	Orange	Left	Green	Right	Dark Blue	Right	Red	Left
Red	Right	Green	Left	Red	Left	Yellow	Left	Green	Right
Light Blue	Left	Dark Blue	Right	Dark Blue	Right	Orange	Right	Light Blue	Right
Orange	Left	Light Blue	Right	Light Blue	Left	Light Blue	Right	Dark Blue	Left
Red	Left	Green	Left	Dark Blue	Left	Yellow	Right	Orange	Right
Green	Left	Orange	Right	Green	Right	Light Blue	Left	Red	Left
Dark Blue	Right	Yellow	Left	Light Blue	Left	Green	Right	Orange	Right
Yellow	Left	Red	Left	Red	Right	Red	Left	Green	Left
Red	Right	Green	Left	Dark Blue	Left	Orange	Left	Dark Blue	Left
Orange	Right	Dark Blue	Right	Red	Left	Yellow	Left	Red	Right
Dark Blue	Left	Green	Left	Yellow	Left	Orange	Right	Orange	Left
Green	Left	Light Blue	Left	Green	Left	Light Blue	Left	Dark Blue	Right
Dark Blue	Left	Yellow	Right	Light Blue	Left	Red	Right	Green	Left

All end on Red line

All end Right 1 line

All end Red line

All end Left 2 line

All end on Red line

Which col did not move ?

Orange

Task Template for working with a Partner - Partner is on opposite side of the mat

L&R Option 6

L&R Option 7

L&R Option 8

L&R Option 9

L&R Option 10

Yellow	Left	Red	Left	Orange	Right	Dark Blue	Right	Yellow	Right
Red	Right	Orange	Left	Green	Left	Red	Left	Orange	Left
Orange	Right	Light Blue	Left	Red	Right	Light Blue	Right	Red	Left
Dark Blue	Right	Green	Left	Dark Blue	Right	Dark Blue	Left	Light Blue	Left
Green	Right	Dark Blue	Left	Yellow	Left	Red	Right	Dark Blue	Left
Light Blue	Right	Green	Left	Orange	Right	Orange	Right	Green	Left
Red	Left	Orange	Left	Orange	Left	Yellow	Right	Red	Left
Orange	Right	Yellow	Left	Green	Right	Green	Right	Orange	Right
Green	Right	Orange	Left	Red	Left	Light Blue	Right	Dark Blue	Right
Dark Blue	Left	Light Blue	Left	Dark Blue	Right	Green	Left	Yellow	Right
Light Blue	Left	Green	Left	Orange	Left	Orange	Right	Light Blue	Left
Green	Right	Red	Left	Dark Blue	Left	Yellow	Left	Green	Right
Orange	Left	Yellow	Left	Green	Right	Orange	Right	Dark Blue	Left
Yellow	Right	Dark Blue	Left	Orange	Left	Red	Right	Light Blue	Left
Red	Right	Green	Left	Red	Right	Green	Left	Orange	Left
Green	Right	Red	Left	Dark Blue	Left	Dark Blue	Right	Green	Left
Dark Blue	Left	Dark Blue	Left	Red	Left	Green	Right	Light Blue	Right
Green	Right	Orange	Left	Yellow	Left	Light Blue	Right	Orange	Left
Light Blue	Right	Red	Left	Green	Left	Yellow	Left	Yellow	Right
Yellow	Left	Dark Blue	Left	Orange	Left	Green	Left	Green	Right

All end Left 1 line

All end on Red line

All end on Red line

All end Right 1 line

Two on Red line  
One on all other lines

Which col did not move ?

Light Blue

Task Template for working with a Partner - Partner is on opposite side of the mat

L&R of Option 1

L&R of Option 2

L&R of Option 3

L&R of Option 4

Red	Right		Dark Blue	Right of	Red	Light Blue	Left		Yellow	Right	
Dark Blue	Right		Orange	Right		Red	Left		Orange	Right	
Yellow	Right of	Red	Yellow	Right of	Light Blue	Yellow	Left		Dark Blue	Left of	Orange
Orange	Right		Red	Right of	Orange	Red	Left		Red	Left	
Light Blue	Left of	Dark Blue	Orange	Right of	Green	Yellow	Left		Yellow	Left of	Orange
Green	Left		Light Blue	Right of	Green	Light Blue	Right of	Dark Blue	Orange	Left of	Red
Light Blue	Right of	Green	Green	Left		Red	Left of	Green	Green	Left of	Red
Yellow	Right		Orange	Left of	Yellow	Dark Blue	Left		Dark Blue	Left of	Yellow
Orange	Right		Light Blue	Right of	Dark Blue	Yellow	Right of	Dark Blue	Light Blue	Right of	Dark Blue
Red	Right of	Orange	Dark Blue	Right		Green	Right of	Light Blue	Orange	Right	
Green	Right		Green	Right		Orange	Left of	Dark Blue	Green	Right of	Yellow
Yellow	Right of	Dark Blue	Orange	Right of	Dark Blue	Yellow	Right of	Red	Green	Right of	Dark Blue
Dark Blue	Right		Yellow	Right		Red	Right of	Dark Blue	Dark Blue	Right of	Orange
Green	Right		Dark Blue	Right		Orange	Right of	Dark Blue	Red	Right of	Orange
Yellow	Right of	Red	Orange	Right of	Green	Light Blue	Right		Dark Blue	Left of	Orange
Light Blue	Right		Dark Blue	Left of	Orange	Orange	Right		Red	Right of	Dark Blue
Red	Right		Red	Right of	Green	Red	Left of	Orange	Orange	Left of	Dark Blue
Light Blue	Right		Orange	Left		Dark Blue	Right		Light Blue	Right of	Red
Green	Left		Green	Right of	Red	Orange	Left		Dark Blue	Left of	Orange
			Red	Right					Red	Left	
									Orange	Left	

All end on Red line

Only Red ends on Red line  
Rest on far right line

Both Blues on Red line  
Rest on far left line

Only Red ends on Red line



Task Template for working with a Partner - Partner is on opposite side of the mat

L&R of Option 5

L&R of Option 6

L&R of Option 7

L&R of Option 8

Orange	Left of	Green	Both Blues	Right		Green	Right of	Red	Orange	Right of	Red
Green	Right of	Light Blue	Red	Right of	Green	Dark Blue	Right of	Orange	Green	on top of	Orange
Light Blue	Left of	Dark Blue	Orange	Right of	Red	Yellow	Left of	Green	Dark Blue	Left of	Yellow
Dark Blue	Right of	Green	Yellow	Right of	Red	Orange	Left of	Green	Red	Left of	Green
Green	Right of	Red	Green	Right of	Red	Light Blue	Left of	Dark Blue	Light Blue	Left of	Dark Blue
Yellow	Left of	Green	Red	Left of	Light Blue	Red	Right of	Green	Yellow	Left of	Dark Blue
Dark Blue	Right of	Green	Dark Blue	Left of	Orange	Yellow	Right of	Red	Red	Left of	Dark Blue
Green	Right of	Red	Orange	Right of	Light Blue	Orange	Right of	Yellow	Dark Blue	Left of	Orange
Light Blue	Right of	Red	Red	Left of	Dark Blue	Dark Blue	Right of	Light Blue	Yellow	on top of	Dark Blue
Dark Blue	Right of	Light Blue	Dark Blue	Left of	Light Blue	Light Blue	Right of	Dark Blue	Light Blue	Left of	Red
Red	Left of	Orange	Orange	Right of	Light Blue	Green	Left of	Red	Orange	Left of	Light Blue
Orange	Left of	Green	Yellow	Left of	Red	Light Blue	Left of	Green	Red	on top of	Light Blue
Yellow	Left of	Light Blue	Green	Left of	Yellow	Orange	Right of	Yellow	Orange	Left of	Red
Red	Left of	Light Blue	Light Blue	Right of	Dark Blue	Dark Blue	Right of	Light Blue	Green	Left of	Light Blue
Red	Left of	Light Blue	Orange	Left of	Yellow	Green	Right of	Light Blue	Red	Left of	Orange
Light Blue	Right of	Red	Dark Blue	Right of	Light Blue	Orange	Right of	Green	Green	Right of	Light Blue
Dark Blue	Left of	Yellow	Yellow	Left of	Dark Blue	Green	Left of	Yellow	Dark Blue	on top of	Red
Green	Left of	Light Blue	Light Blue	Right of	Yellow	Dark Blue	Right of	Yellow	Orange	Left of	Dark Blue
All Blues	Right		Yellow	Left		Yellow	Left		Light Blue	on top of	Green

All end on Red line

Dark Blue on Red line  
Rest on far left line

All end on Red line

All end stacked on Red line

Task Template for working with a Partner - Partner is on opposite side of the mat

F&T-LR Option 1

F&T-LR Option 2

F&T-LR Option 3

F&T-LR Option 4

F&T-LR Option 5

Light Blue	Left	Yellow	Flip	Orange	Twist	Green	Right	Dark Blue	Twist
Green	Flip	Red	Twist	Red	Left	Orange	Right	Yellow	Flip
Orange	Right	Orange	Flip	Green	Flip	Yellow	Flip	Light Blue	Twist
Red	Twist	Dark Blue	Twist	Red	Left	Red	Flip	Red	Flip
Dark Blue	Left	Green	Right	Yellow	Twist	Dark Blue	Twist	Green	Twist
Green	Left	Light Blue	Right	Dark Blue	Right	Light Blue	Flip	Orange	Flip
Yellow	Flip	Red	Flip	Light Blue	Flip	Yellow	Right	Dark Blue	Right
Orange	Left	Orange	Twist	Dark Blue	Right	Dark Blue	Right	Light Blue	Flip
Light Blue	Twist	Red	Right	Orange	Flip	Orange	Twist	Yellow	Twist
Dark Blue	Flip	Dark Blue	Twist	Red	Right	Red	Right	Red	Right
Orange	Left	Light Blue	Right	Green	Twist	Dark Blue	Flip	Light Blue	Twist
Green	Flip	Orange	Left	Dark Blue	Left	Green	Left	Dark Blue	Right
Yellow	Right	Yellow	Right	Yellow	Flip	Light Blue	Left	Orange	Flip
Dark Blue	Left	Dark Blue	Left	Red	Twist	Light Blue	Twist	Green	Twist
Green	Left	Orange	Flip	Light Blue	Twist	Red	Right	Red	Flip
Light Blue	Twist	Red	Flip	Dark Blue	Left	Dark Blue	Right	Dark Blue	Twist
Orange	Left	Light Blue	Right	Red	Flip	Green	Twist	Yellow	Flip
Light Blue	Left	Red	Twist	Dark Blue	Twist	Red	Left	Light Blue	Flip
Yellow	Left	Yellow	Flip	Red	Left	Green	Twist	Yellow	Twist
Red	Twist	Orange	Twist	Dark Blue	Flip	Light blue	Right	Red	Left

All end on **Red** line  
( 4up & 2down )

All end **Right 1** line  
Which did you move 1st ?  
**Yellow**

All end on **Red** line  
( twisted & studs down )

None end on **Red** line  
( each blue line has  
different brick orientation )

All end **Red** line  
Which 2 bricks moved ?  
**Dark Blue & Red**

Task Template for working with a Partner - Partner is on opposite side of the mat

F&T-LR Option 6

F&T-LR Option 7

F&T-LR Option 8

F&T-LR Option 9

F&T-LR Option 10

Red	Right	Orange	Twist	Light Blue	Flip	Dark Blue	Twist	Green	Left
Dark Blue	Right	Light Blue	Flip	Yellow	Twist	Yellow	Left	Red	Flip
Light Blue	Flip	Green	Twist	Dark Blue	Flip	Red	Flip	Dark Blue	Right
Yellow	Flip	Yellow	Flip	Orange	Twist	Yellow	Left	Yellow	Twist
Orange	Twist	Red	Twist	Red	Right	Light Blue	Twist	Orange	Left
Green	Flip	Dark Blue	Flip	Green	Right	Orange	Right	Red	Left
Light Blue	Right	Orange	Right	Yellow	Flip	Green	Flip	Light Blue	Flip
Orange	Right	Green	Flip	Dark Blue	Twist	Orange	Right	Dark Blue	Left
Dark Blue	Twist	Light Blue	Twist	Yellow	Right	Dark Blue	Flip	Green	Twist
Yellow	Right	Yellow	Right	Orange	Twist	Yellow	Right	Orange	Flip
Orange	Flip	Green	Twist	Green	Right	Red	Twist	Dark Blue	Left
Red	Left	Orange	Right	Dark Blue	Left	Orange	Left	Red	Flip
Green	Left	Dark Blue	Flip	Light Blue	Right	Light Blue	Flip	Light Blue	Right
Green	Twist	Red	Twist	Orange	Left	Yellow	Twist	Orange	Left
Yellow	Right	Yellow	Flip	Dark Blue	Flip	Green	Twist	Red	Left
Orange	Right	Orange	Twist	Yellow	Flip	Orange	Left	Green	Twist
Red	Twist	Light Blue	Flip	Green	Right	Yellow	Flip	Dark Blue	Left
Yellow	Left	Green	Flip	Yellow	Twist	Orange	Twist	Green	Left
Red	Twist	Light Blue	Twist	Light Blue	Flip	Yellow	Left	Light Blue	Left
Green	Right	Yellow	Left	Dark Blue	Twist	Orange	Flip	Yellow	Twist

None end on Red line  
( each blue line has  
different brick orientation )

All end Red line  
Which 2 bricks moved ?  
Orange & Yellow

All end Forward 1 line  
Which did you move 1st ?  
Light Blue

All end on Red line  
( twisted & studs down )

All end on Red line  
( 4up & 2down )

Task Template for working with a Partner - Partner is on opposite side of the mat

**BIFT VO Option 1**

**BIFT VO Option 2**

**BIFT VO Option 3**

Dark Blue	right of	Red	Orange	left of	Light Blue	Red	Flip	
Orange	Twist		Red	left of	Yellow	Dark Blue	Twist	
Red	left of	Green	Dark Blue	left of	Orange	Orange	right of	Red
Yellow	Flip		Green	left of	Red	Green	Flip	
Green	left of	Red	Yellow	Twist		Light Blue	Twist	
Ligth Blue	Twist		Green	Flip		Yellow	right of	Dark Blue
Red	right of	Dark Blue	Light Blue	Flip		Light Blue	right of	Orange
Green	Twist		Orange	Twist		Dark Blue	right of	Yellow
Dark Blue	Flip		Red	left of	Orange	Red	Twist	
Red	right of	Yellow	Dark Blue	Flip		Yellow	Flip	
Green	Twist		Yellow	left of	Orange	Green	Flip	
Dark Blue	on top of	Green	Orange	Flip		Dark Blue	Twist	
Green	right of	Red	Green	Twist		Dark Blue	right of	Yellow
Yellow	on top of	Red	Yellow	Twist		Yellow	left	
Dark Blue	Twist		Red	Flip		Light Blue	Twist	
Green	on top of	Light Blue	Light Blue	right of	Orange	Yellow	Flip	
Red	Twist		Orange	Twist		Light Blue	left of	Orange
Orange	on top of	Yellow	Yellow	Flip		Orange	right	
Red	on top of	Dark Blue	Green	Twist				
Yellow	Twist		Green	right of	Orange			
			Orange	left				

All stacked and end on **Red** line

Which did you move 1st ?

**Dark Blue**

All flipped on **Backward 2** line

All end on **Red** line

**Red** is twisted and flipped

Task Template for working with a Partner - Partner is on opposite side of the mat

**BIFT VO Option 4**

**BIFT VO Option 5**

**BIFT VO Option 6**

	Green	Twist			Dark Blue	right of	Green		Light Blue	Twist	
	Orange	Flip			Green	Flip			Red	Flip	
	Red	Twist			Red	left of	Yellow		Yellow	Twist	
	Dark Blue	Flip			Yellow	Twist			Orange	Twist	
	Light Blue	Twist			Orange	right of	Dark Blue		Dark Blue	Flip	
	Yellow	Flip			Dark Blue	Twist			Green	Twist	
	Red	Flip			Light Blue	left of	Red		Orange	Twist	
	Light Blue	left of	Yellow		Red	Flip			Dark Blue	Flip	
	Green	Flip			Green	left of	Red		Red	Flip	
	Orange	Twist			Red	left of	Dark Blue		Blues	left of	Red
	Green	left of	Red		Dark Blue	Flip			Green	Flip	
	Yellow	Twist			Yellow	left of	Dark Blue		Yellow	right of	Dark Blue
	Dark Blue	Flip			Light Blue	Flip			Orange	left of	Yellow
	Red	Twist			Dark Blue	Twist			Green	Twist	
	Yellow	Twist			Yellow	Twist			Orange	Flip	
	Green	Flip			Orange	Flip			Yellow	left of	Red
	Yellow	Flip			Yellow	Flip			Green	left of	Red
	Orange	right of	Green		Red	Flip			Yellow	Twist	
	Red	right of	Light Blue		Red	left of	Dark Blue		Red	Twist	
	Green	left of	Dark Blue		Dark Blue	Left			Light Blue	Twist	

All end on different lines  
( each line has different brick orientation -  
one line has no bricks )

Only **Red** ends on **Red** line  
( others flipped and  
on top and bottom lines )

( each line has different brick orientation -  
two lines have no bricks - **Red** on **Red**  
first and last command the same )

Task Template for working with a Partner - Partner is on opposite side of the mat

### L&R VO Twisted Option 1

### L&R VO Twisted Option 2

Green	right of	twisted	Red			Dark Blue	left of	flipped	Red
Yellow	right of	flipped	Dark Blue		twisted	Orange	left of		Yellow
Orange	right of	flipped	Green			Light Blue	right of	twisted	Green
Light Blue	right of	twisted	Yellow		flipped	Yellow	right of		Dark Blue
Dark Blue	right of	flipped	Green			Red	left of	flipped	Dark Blue
Green	right of	twisted	Red		twisted	Yellow	left of		Orange
Orange	left of	flipped	Red			Green	left of	flipped	Dark Blue
Light Blue	left of	twisted	Green		flipped	Light Blue	right of		Orange
Dark Blue	left of	twisted	Light Blue			Yellow	left of	twisted	Orange
Orange	right of	twisted	Dark Blue		flipped	Light Blue	right of		Dark Blue
Red		twisted				Orange	left of	flipped	Yellow
Yellow	left of	flipped	Light Blue		twisted	Yellow	right of	flipped	Orange
Orange	right of	flipped	Dark Blue			Orange	left of	flipped	Dark Blue
Yellow	in line with	twisted	Orange			Dark Blue	in line with	twisted	Green
Orange	left of	flipped	Light Blue						
Green	in line with	twisted	Light Blue						
Dark Blue	right of	twisted	Orange						
Orange	in line with	twisted	Light Blue						

All end **Far Left** line

Three flipped - Three Normal

All on **Red** line

Red flipped and Twisted

Which col did not move left or right ?

**Red**

Task Template for working with a Partner - Partner is on opposite side of the mat

L&R VO Twisted Option 3

L&R VO Twisted Option 4

	Both Blues	right of	twisted	Red		flipped	Green	right of	twisted	Light Blue
	Yellow	on top of	twisted	Green		twisted	Orange	right of	flipped	Dark Blue
flipped	Orange	left of		Yellow		twisted	Red	right of	flipped	Green
twisted	Red	left of	twisted	Light Blue		twisted	Light Blue	right of	twisted	Orange
flipped	Dark Blue	left of	twisted	Orange		flipped	Yellow	right of	flipped	Dark Blue
flipped	Light Blue	right of	twisted	Green		twisted	Green	right of	flipped	Yellow
twisted	Orange	on top of	twisted	Light Blue		twisted	Light Blue	right of	flipped	Orange
flipped	Dark Blue	left of		Yellow		twisted	Red	right of	twisted	Orange
flipped	Red	left of	twisted	Orange		flipped	Yellow	left of	twisted	Green
twisted	Dark Blue	right of	flipped	Yellow		flipped	Red	left of	flipped	Orange
flipped	Red	right of	twisted	Dark Blue		flipped	Yellow	in line with	twisted	Light Blue
	Both Blues	in line with	twisted	Red		twisted	Orange	in line with	flipped	Dark Blue
	Red	on top of	twisted	Dark Blue		twisted	Dark Blue	in line with	flipped	Red
twisted	Orange	on top of	twisted	Red						
twisted	Dark Blue	on top of	flipped	Yellow						

All on Red line

All end stacked on Red line

Which col did not move ?

None