



CURLING STATISTICS

How to score

Season 2026 - 2027



Topics

- ☞ Goal - Audience - Distribution
- ☞ Technical Background
- ☞ Live Scores & Printed Reports
- ☞ CURS Stats Software
- ☞ Guidelines
- ☞ Samples

Goal - Audience - Distribution

Goal

-  Capture of data on how a player and/or a whole team performed in a game/competition
-  Information distribution in the venue and around the world
-  Accessibility to overall statistics
-  Analysis opportunities



Goal - Audience - Distribution

Audience

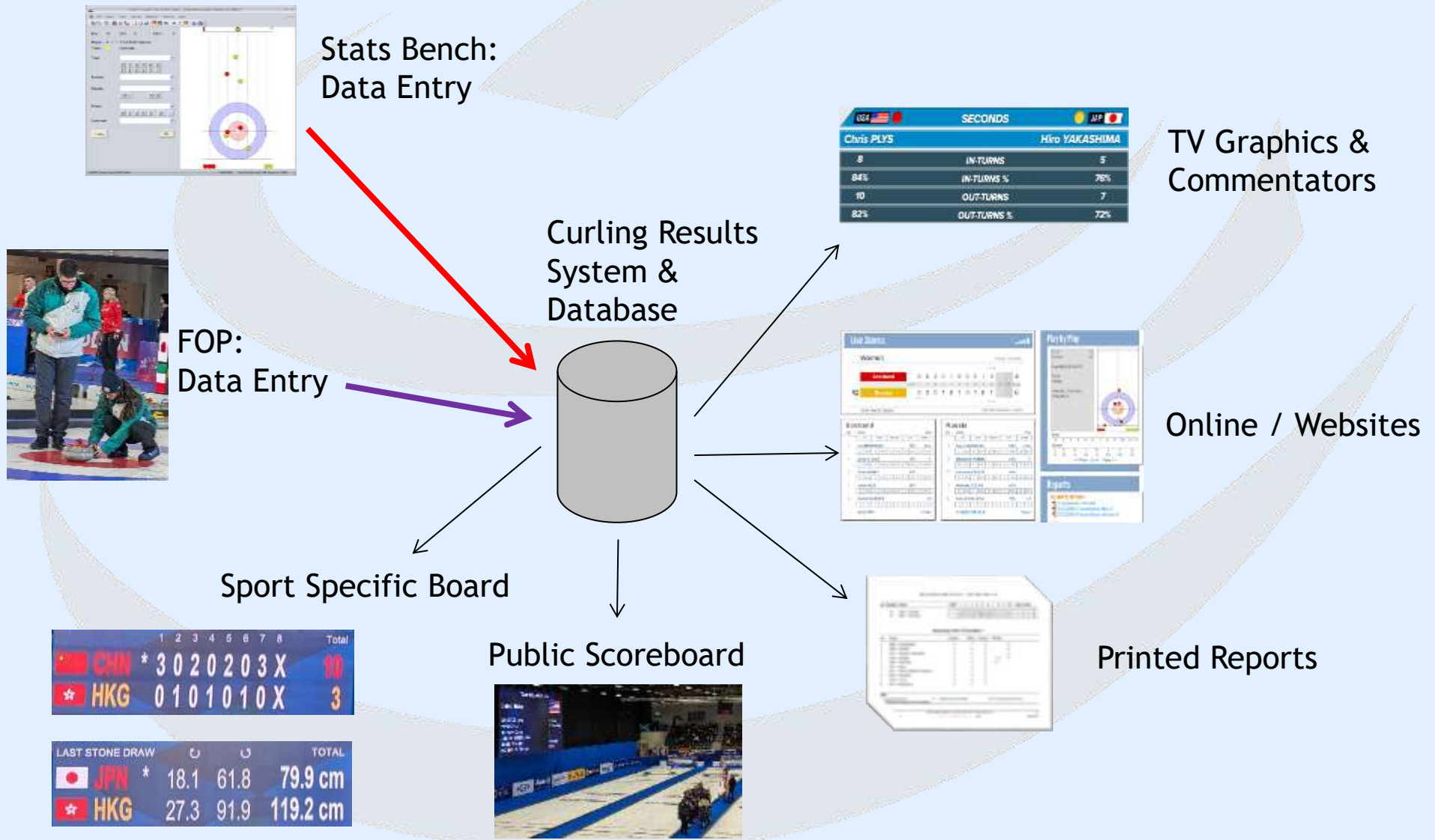
-  Media: TV stations, press, social media
-  Coaches/players
-  Spectators
-  Fans around the world

Distribution

-  Online - Live Scores Website
-  Specific connections to specific customers (e.g. TV Graphics)



Technical Background



Technical Background



Stats Bench



Office



Technical Background



Commentator Positions



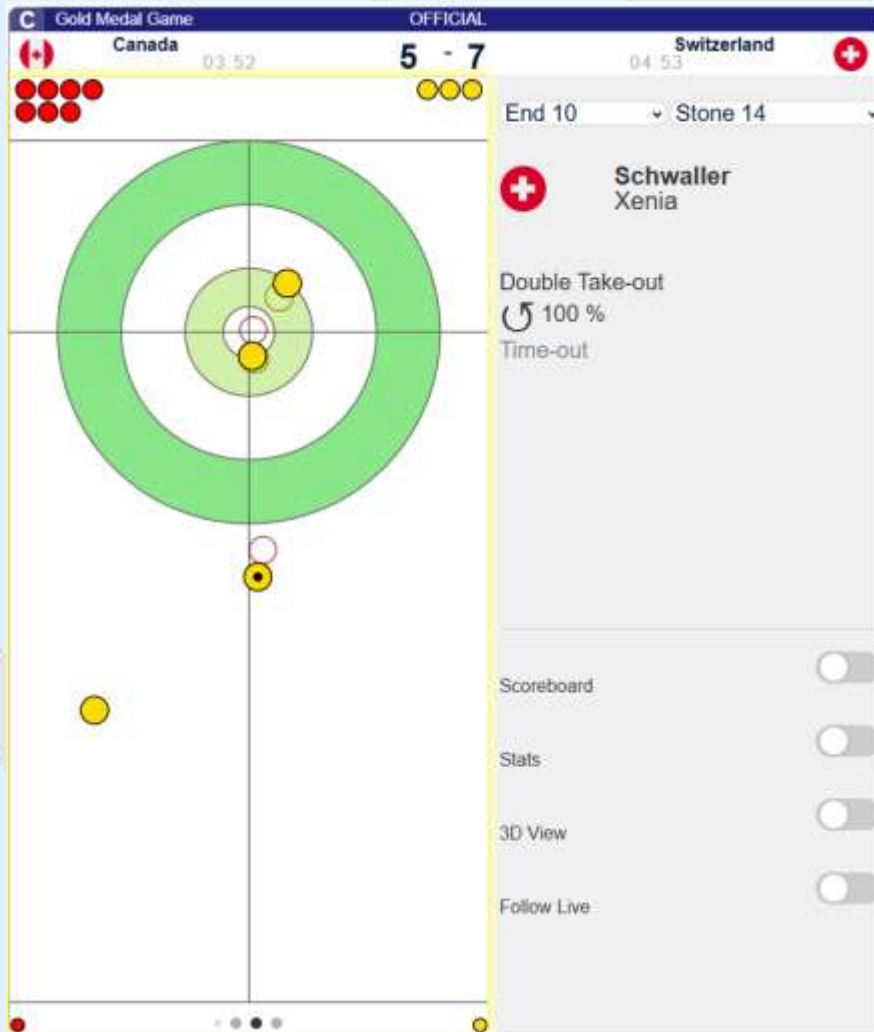
Camera Positions & Commentator Box



TV Transition



Live Scores Website Game Center



C Gold Medal Game OFFICIAL

Canada 03:52 **5 - 7** Switzerland 04:53

LSFE	1	2	3	4	5	6	7	8	9	10	
CAN	0	0	0	2	0	1	1	0	1	0	5
SUI *	0	2	0	0	2	0	0	2	0	1	7

Game

	Fourth	Third	Second	Lead	Alternate	Team
80% ENARSSON K						
85% SWEETING V						
81% RICHARD S						
96% BURGESSE K						
KARWACKI K						
86% SCHWALLER X						
84% GARNER S						
85% RIEDER F						
91% RYCHTER S						
93%						
88%						

Draws

	Fourth	Third	Second	Lead	Alternate	Team
75% ENARSSON K						
100% SWEETING V						
85% RICHARD S						
97% BURGESSE K						
KARWACKI K						
90% SCHWALLER X						
79% GARNER S						
92% RIEDER F						
50% RYCHTER S						
93%						
86%						

Take-outs

	Fourth	Third	Second	Lead	Alternate	Team
83% ENARSSON K						
79% SWEETING V						
75% RICHARD S						
75% BURGESSE K						
75% KARWACKI K						
79% SCHWALLER X						
87% GARNER S						
84% RIEDER F						
99% RYCHTER S						
90%						

Live Scores Website Statistics

Finals											
C Gold Medal Game						OFFICIAL					
Switzerland						4 - 5					
SCO						SCO					
LSFE	1	2	3	4	5	6	7	8	9	10	
SUI	1	0	0	0	0	2	0	1	0	0	4
SCO	0	0	0	0	2	0	2	0	0	1	5

C Bronze Medal Game						OFFICIAL					
Canada						11 - 2					
CAN						CHN					
LSFE	1	2	3	4	5	6	7	8	9	10	
CAN	3	0	0	5	2	0	0	1	X	X	11
CHN	0	0	1	0	0	1	0	0	X	X	2

Stats - Sheet C

Sheet C

Team Player Value Player Value LSD Total

Switzerland *

Scotland

Team	#	Draw	#	Take-Out	#	Total	Time-out available	Time remaining after last end
Switzerland	56	93 %	24	92 %	80	93 %	0	1:24
Scotland	31	88 %	48	91 %	79	90 %	0	1:49

Team	Position	Player	#	Draw	#	Take-Out	#	Total
Switzerland	Vice-Skip	SCHWARZ-VAN BERKEL Benoit	13	88 %	7	100 %	20	93 %
Scotland	Skip	MOUAT Bruce	5	85 %	14	95 %	19	92 %
Switzerland	Skip	SCHWALLER Yannick	12	94 %	8	88 %	20	91 %
Scotland	Vice-Skip	HARDIE Grant	3	75 %	17	88 %	20	86 %
Switzerland	Second	MICHEL Sven	11	93 %	9	89 %	20	91 %
Scotland	Second	LAMMIE Bobby	3	83 %	17	90 %	20	89 %
Switzerland	Lead	LACHAT-COUCHEPIN Pablo	20	95 %	0	- %	20	95 %
Scotland	Lead	McMILLAN Hammy	20	91 %	0	- %	20	91 %
Switzerland	Alternate	SCHWALLER Kim	0	- %	0	- %	0	- %
Scotland	Alternate	WADDELL Kyle	0	- %	0	- %	0	- %

Scoring Analysis

Team	Games		Stolen ends	Stolen points	Last Stone efficiency	Force efficiency	Blank ends	Scored 1	Scored 2	Scored 3	Scored 4	Scored 5-8	Total	Plus/ Minus
 CAN - Canada	14	For	13	18	60%	85%	10	24	24	8	1	1	105	+54
		Against	3	4			12	35	5	2	0	0	51	
 SUI - Switzerland	14	For	11	15	58%	52%	6	24	26	6	1	0	98	+21
		Against	6	6			13	29	17	2	2	0	77	
 SWE - Sweden	13	For	12	13	45%	52%	5	34	15	7	1	0	89	+17
		Against	4	6			10	25	16	5	0	0	72	
 SCO - Scotland	15	For	9	10	55%	53%	14	25	22	5	2	2	102	+15
		Against	8	12			9	29	17	4	3	0	87	
 NOR - Norway	13	For	14	19	40%	57%	8	32	15	5	3	0	89	+12
		Against	7	8			3	31	14	6	0	0	77	

Summary of Big Ends

Points Scored By	Against	Session End	Game Result
5	SCO - Scotland	AUT - Austria	2 4 12 - 2
5	SCO - Scotland	AUT - Austria	2 1 12 - 2
5	CAN - Canada	CHN - China	BM 4 11 - 2
4	CHN - China	GER - Germany	8 8 11 - 10
4	CHN - China	GER - Germany	8 6 11 - 10
4	CHN - China	USA - United States	3 8 8 - 2
4	GER - Germany	JPN - Japan	11 5 11 - 3

Printed Reports Shot by Shot



CURS Stats Software - 1

The software contains all information for each sheet - there is nothing you have to handle yourself. It covers:

- ☞ Who plays who
- ☞ Stone colour assignment
- ☞ Line-up for each team with all player names
- ☞ Direction of play (graphics)
- ☞ Once the Last Stone Draws (LSD) have been played, it is also defined which team starts the game. At this point, the Stats Supervisor/ Results Office will come to you and load the game for each sheet.
- ☞ Starting from this point, the software is "hot", and all data entry goes out in the world. Please do not play around before the game really starts!



CURS Stats Software - 2

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 3 CAN 1 USA 2*

Player 4 / 2 PETERSON Tabitha
Team United States

Task Raise (tap back)

Draw Front Guard Raise (tap ... Wick/Soft... Freeze
Takeout Hit and Roll Clearing Double Ta... Promotion ... through :>

Remark

Handle clockwise (In-turn)

Points

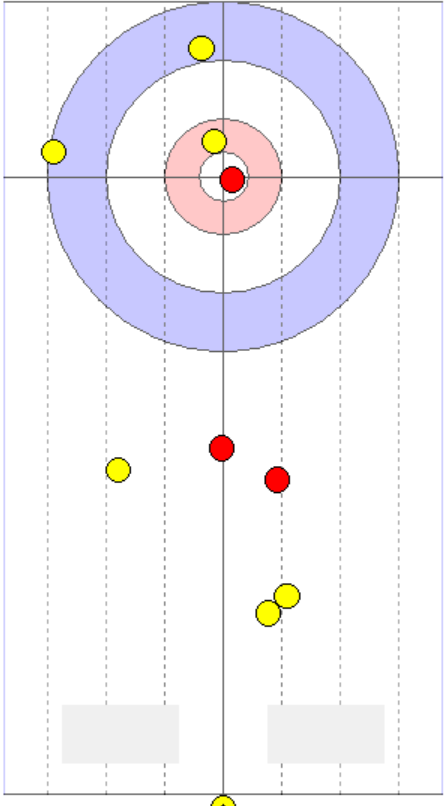
4 3 2 1 0 X

Comment

< prev. OK

Guidelines for Raise (tap back) (last stone):
4: Raised stone in scoring position
2: Reducing opponent score by 2 or more
1: Reducing opponent score by 1
0: Not in scoring position

Previous: G 4



CURLIT Coach Tool (CURS Stats) RUNNING End 3, Stone 16 DB: CU-WCFNUC10, CURS_2324, CURLIT

Check
for every stone:

- stone colour
- name and team

If not matching,
advise Results
office/Supervisor
immediately

CURS Stats Software - 3

Enter Task and Handle as soon as possible (you can always change again)

Task and Handle:
Use mouse or keyboard (shortcut)

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 4 CAN 2 USA 2 •

Player 2 / 1 BIRCHARD Shannon
Team Canada

Task Draw

Draw Front Guard Raise (tap ... Wick/Soft ... Freeze
Takeout Hit and Roll Clearing Double Ta ... Promotion ... through >

Remark

Handle counter clockwise (Out-turn)

Points 4 3 2 1 0 X

Comment

< pre_ OK

Guidelines for Draw:
4: In the house
3: Not all the way behind Guard or behind tee line
2: In the house but in wrong position
0: Not in the house

Drag stones with mouse

Double-click for current stone

Previous:

4

RUNNING End 4, Stone 5 DB: CU-WCFNUC10, CURS_2324_ CURLIT

CURS Stats Software - 4

Graphics:
Set shooter stone
and adjust other
stone positions if
needed

Points:
Enter Points
Use mouse or
keyboard

Use guidelines!

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 4 CAN 2 USA 2 •

Player 4 / 2 EINARSON Kerri
Team Canada

Task Hit and Roll

Remark

Handle clockwise (In-turn)

Points 4 (100%)

Comment

< prev. OK

Guidelines for Hit and Roll:
4: Played stone rolls in right position
3: Played stone in the game, but not in right position
2: Played and opponent stone out of game
0: Opponent stone still in the game

Previous:

Remove stone:
Right double
click or
drag to the side or
behind Backline

**Mark for
previous
position**

RUNNING End 4, Stone 15 DB: CU-WCFNUC10, CURS_2324_ CURLIT

CURS Stats Software - 5

Press "OK":
Do not forget!
This brings you to
the next stone to
be played

Use mouse or
keyboard
(Enter key)

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 4 CAN 2 USA 2 •

Player 4 / 2 EINARSON Kerri
Team Canada

Task Hit and Roll

Remark

Handle clockwise (In-turn)

Points 4 (100%)

Comment

Guidelines for Hit and Roll:
4: Played stone rolls in right position
3: Played stone in the game, but not in right position
2: Played and opponent stone out of game
0: Opponent stone still in the game

Previous:

D
↻
0

CURLIT Coach Tool (CURS Stats)

RUNNING End 4, Stone 15 DB: CU-WCFNUC10, CURS_2324_ CURLIT

CURS Stats Software - 6

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 5 CAN 2 • USA 3

Player 3 / 1 THIESSE Cory
Team United States

Task Raise (tap back)

Draw Front Guard Raise (tap ... Wick/Soft ... Freeze
Takeout Hit and Roll Clearing Double Ta ... Promotion ... through ->

Remark

Handle

Points

Comment

< prev.

Guidelines for Raise (

4: Raised stone in right

3: Raised stone almost

2: Raised stone not in right position but in the house

0: No success

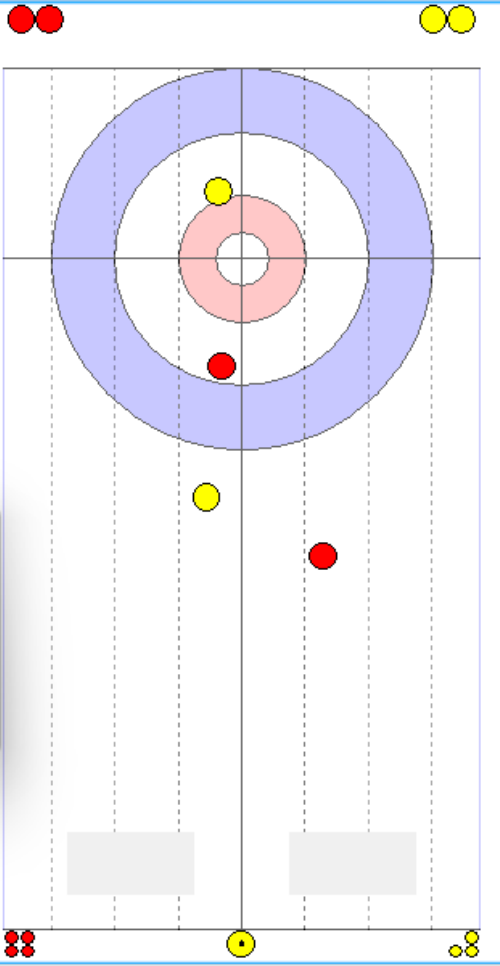
Warning

Warning: Task, Handle and Points must be filled out.

Continue?

OK

CURLIT Coach Tool (CURS Stats) RUNNING End 5, Stone 9 DB: CU-WCFNUC10, CURS_2324 CURLIT



If you forgot to enter the Task, Handle or Points, a red arrow will remind you.

A big warning box will show for some seconds.

A warning box will also show if you forgot to move stones.

CURS Stats Software - 7

Corrections:
Press **Prev.** to
change any input:

- Task
- Handle
- Points
- Stone position
- Text for Remark
or Comment

With every click on
"Prev." you go back
one more stone.

Press "OK" or
Enter key to go
back to current
stone.

Do not forget!

Attention:

"Next" brings you
only to the next
stone (if you had to
correct more than
the previous stone)

CURLIT Coach Tool (CURS Stats) - [WomensBronzeMedalGame-SheetC-CAN-USA]

File Game View Special Statistics Window Help

End 4 CAN 2 USA 2 •

Player 4 / 2 PETERSON Tabitha
Team United States

Task Takeout

Draw Front Guard Raise (tap ... Wick/Soft... Freeze
Takeout Hit and Roll Clearing Double Ta... Promotion ... through ->

Remark

Handle counter clockwise (Out-turn)

Points 4 (100%)

Comment

< prev. next -> Cancel OK

Guidelines for Takeout (last stone):
4: Played stone in scoring position
2: Reducing opponent score by 2 or more
1: Reducing opponent score by 1
0: Opponent stone still in scoring position

Blue background
indicates that
you are modifying
a **previous** stone

Dark dot
indicates
shooter

CURS Stats Software - Mixed Doubles

Before each end

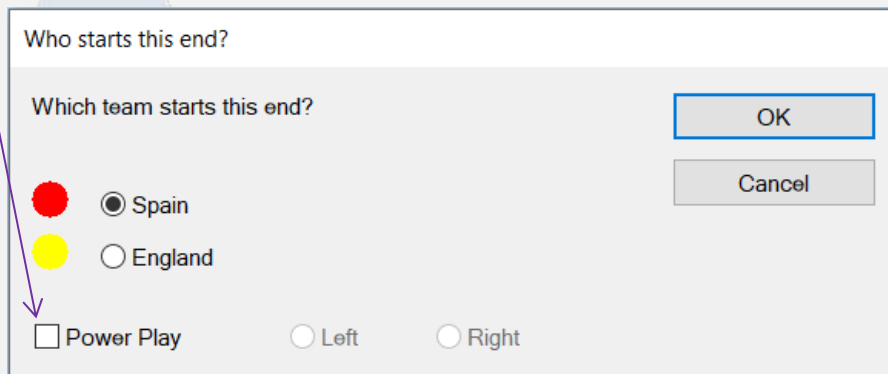
Always: Wait to see which team starts (check stone positions), select team name

Indicate if there is a Power Play (each team once, not in Extra End).

Left/Right is from the player's view / from the hack position.

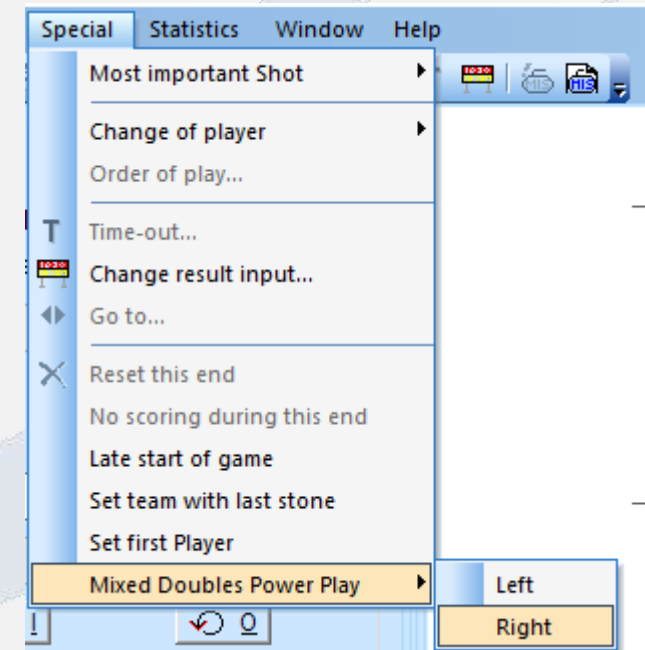
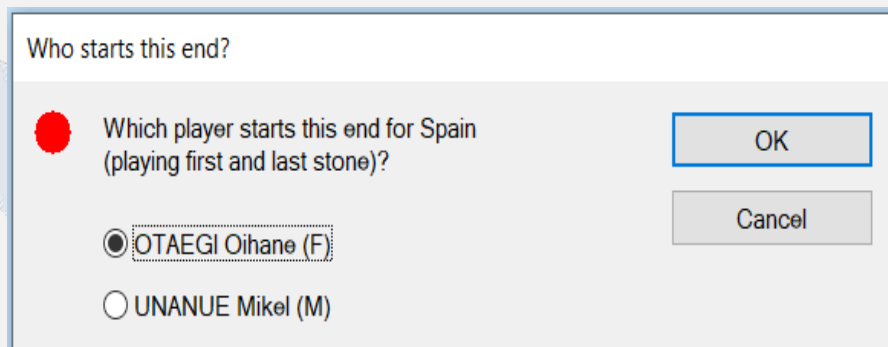
Always: Indicate if F or M player starts (the teams can swap positions each end)

1.



If you missed to set Power Play or if you set it to the wrong side or by mistake:

2.



General Approach for Statistics Entry

- ☞ Follow the guidelines
 - ☞ Different statisticians scoring the same game should judge (almost) the same
- ☞ Try to find out what the skip really wants
 - ☞ Consider all options that the skip gives to the player
 - ☞ Do not judge the skip's decision
- ☞ Be fair and equal to all teams
 - ☞ No additional points for a "favourite team" or for "good looking players" or ...
- ☞ In doubt, always score to the player's benefit

Stones - Different Tasks

Slow Stones

-  Draw (D)
-  Front (F)
-  Guard (G)
-  Raise (R)
-  Wick (W)
-  Freeze (Z)



Fast Stones

-  Take-out (T)
-  Hit and Roll (H)
-  Clearing (C)
-  Double Take-out (S)
-  Promotion Take-out (P)

Shortcut keys to be used on keyboard are indicated in brackets.

Points and Handle

Points

-  4 (100%)
-  3 (75 %)
-  2 (50%)
-  1 (25 %)
-  0 (miss, 0%)

 X (not considered)

- no bonus points



Handle

-  Clockwise
(In-turn, short key 'I')
-  Counter clockwise
(Out-turn, short key 'O')

- Handedness of the player does not matter - only check stone rotation

Task - Slow Stones



Slow Stones

-  Draw (D)
-  Front (F)
-  Guard (G)
-  Raise (R)
-  Wick (W)
-  Freeze (Z)

In the software, "Slow Stones" are listed in the upper row:

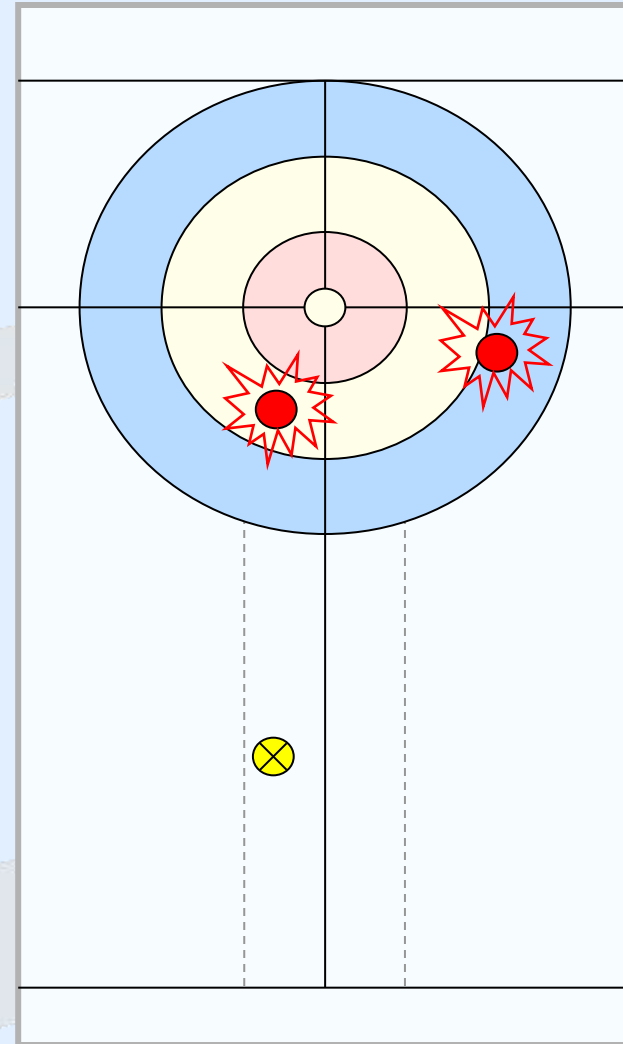
Draw	Front	Guard	Raise (tap ...	Wick/Soft...	Freeze
Takeout	Hit and Roll	Clearing	Double Ta...	Promotion ...	through ->

Task - Draw (D)

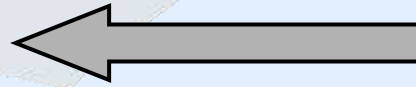
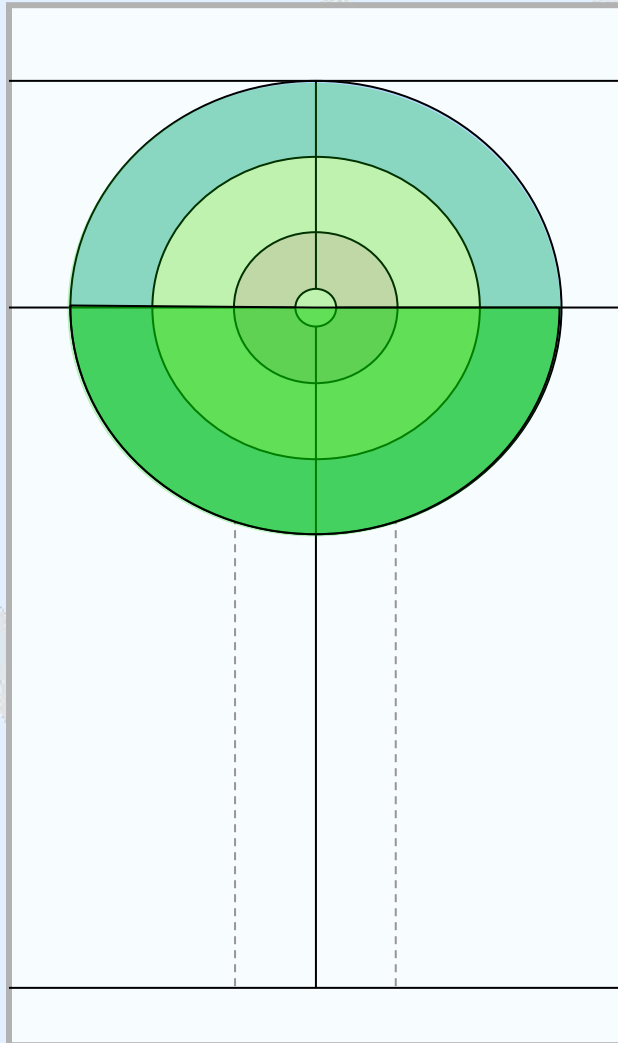
☞ Shortcut "D"

☞ Characteristics:

- ☞ In the house
- ☞ Does not need to move other stones
- ☞ Can slightly touch other stones
- ☞ A "Come around" is also considered a "Draw"



Task - Draw (D)



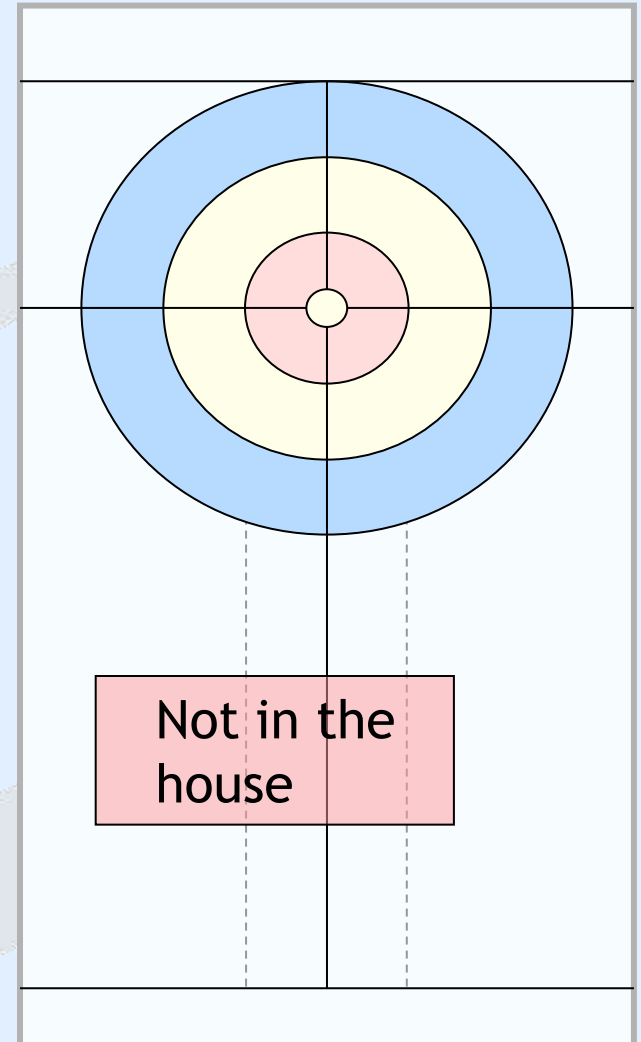
4 Points

-  In the house
-  Depending on the score or game set-up, the stone has to be before the tee line



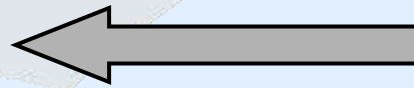
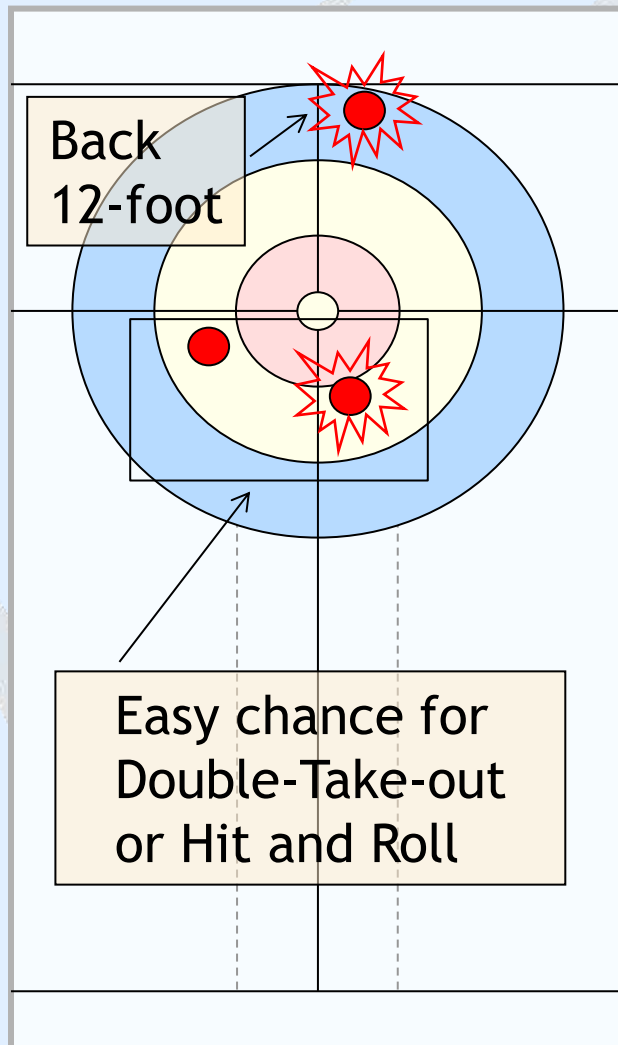
0 Points

-  Not in the house



Not in the house

Task - Draw (D)



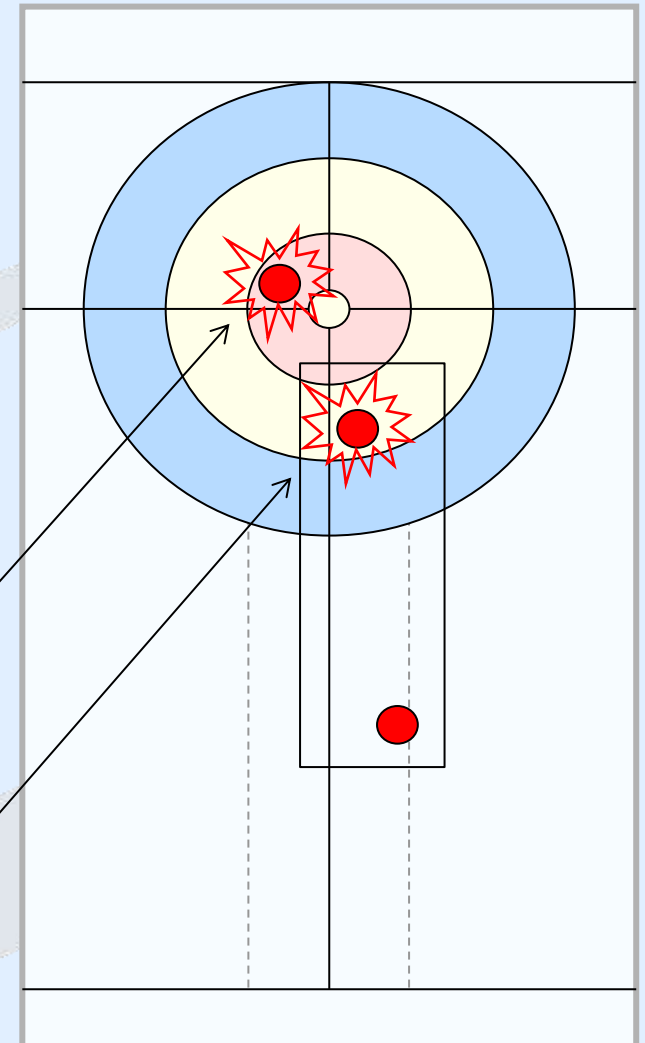
2 Points

-  In the house, but in wrong position



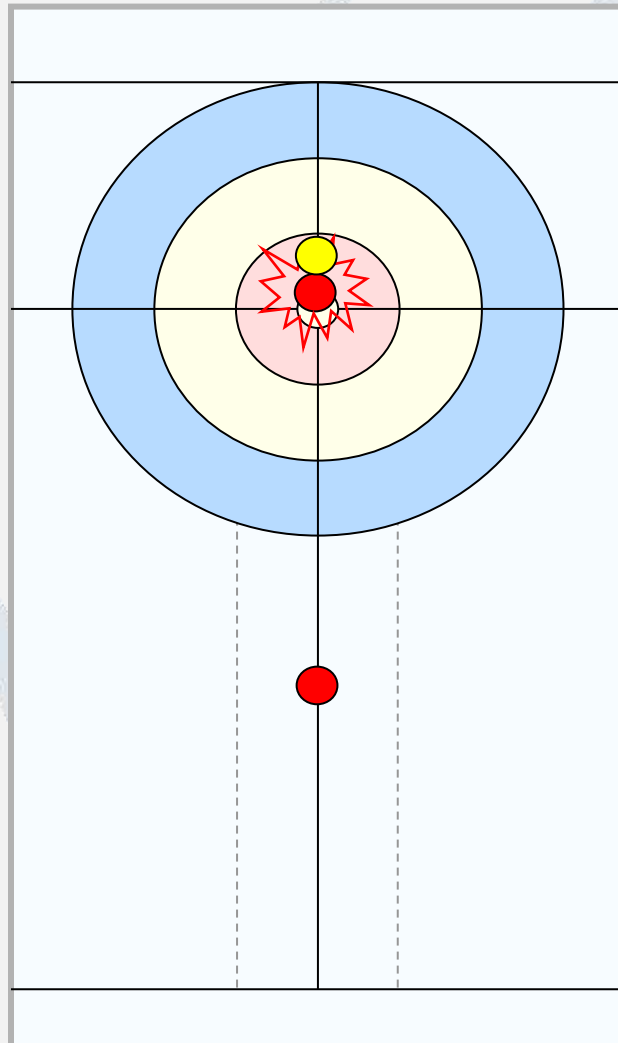
3 Points

-  A bit behind tee line
-  Come around not all the way behind the Guard



Task - Draw (D)

Mixed Doubles - First stone of the end



4 Points



Close to
opponent
stone

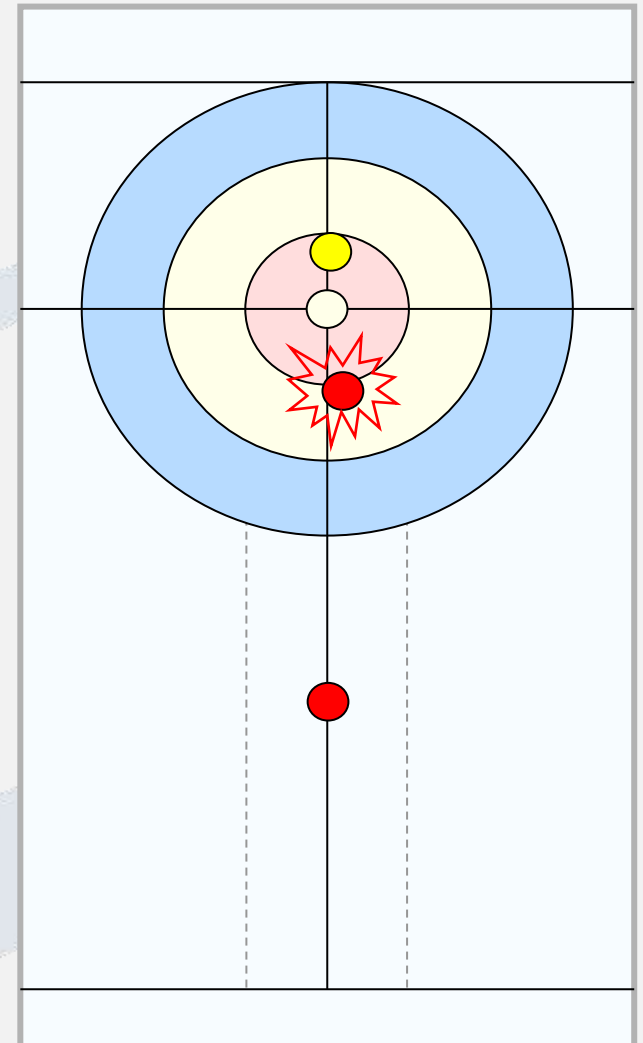


3 Points



Not shot

During end:
Standard guidelines
for Draw

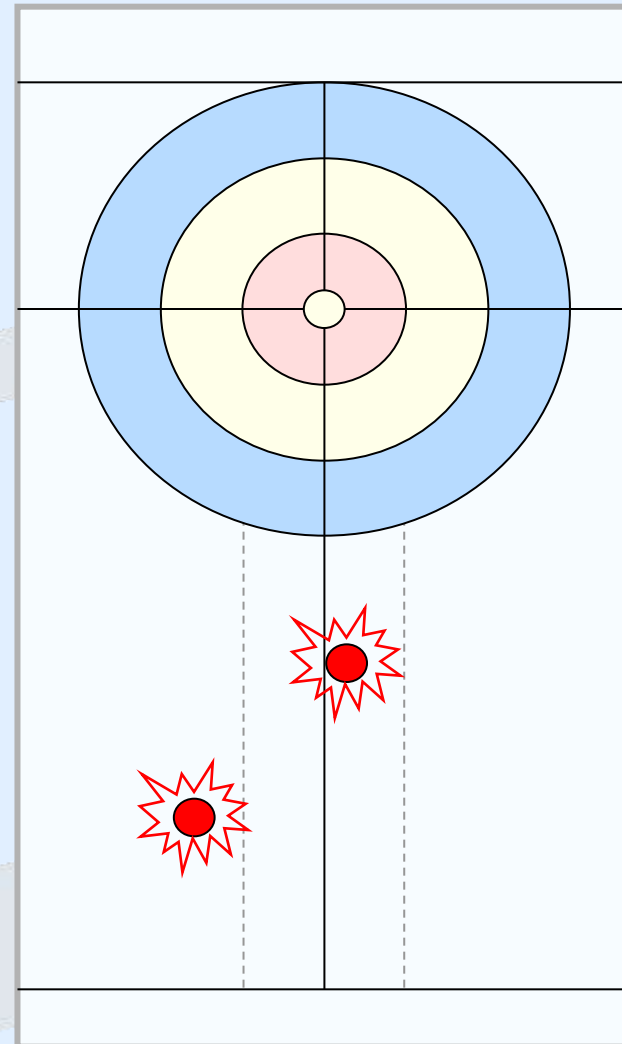


Task - Front (F)

☞ Shortcut "F"

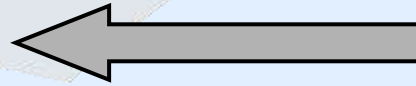
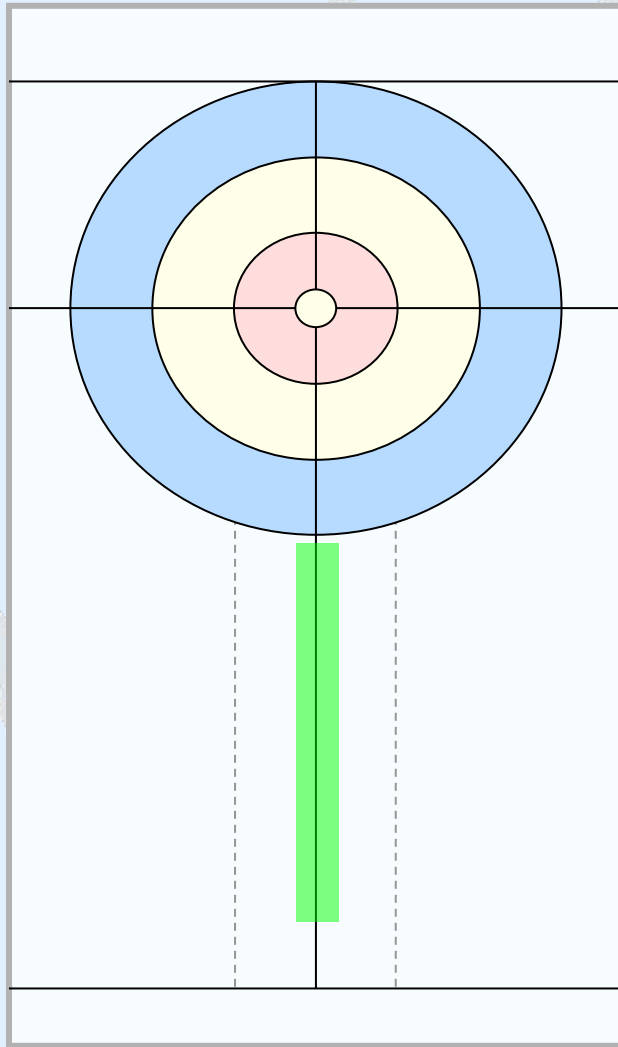
☞ Characteristics:

- ☞ In front of the house
- ☞ **Not protecting** other stones
- ☞ Can be:
 - ✓ centre
("Centre-Guard")
 - ✓ side
("Corner-Guard")



Task - Front (F)

No-Tick Zone (NTZ)



4 Points



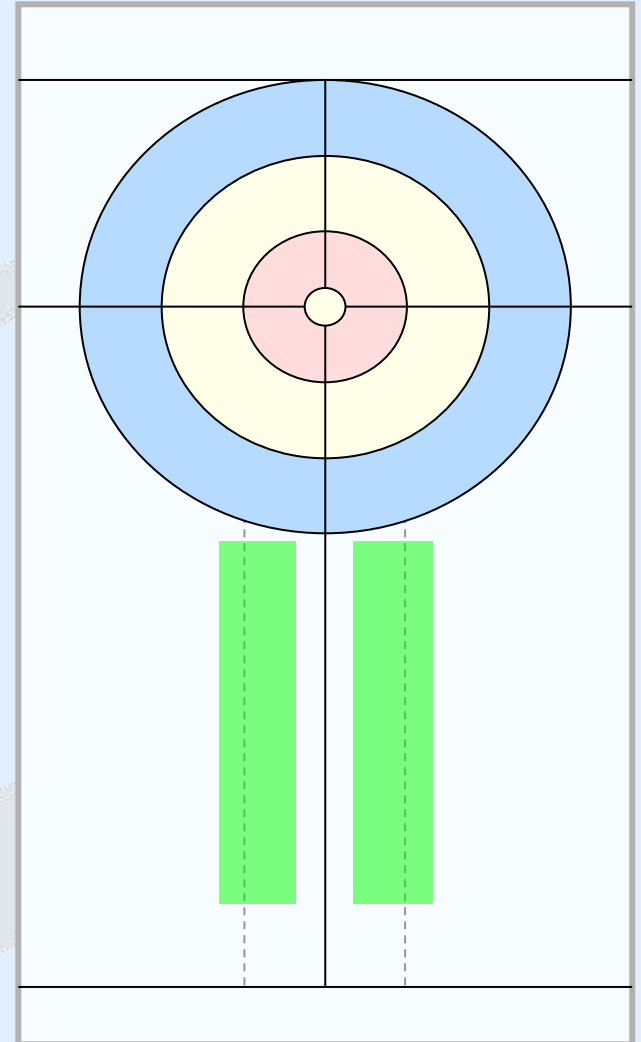
In front of
the house,
touching the
centre line



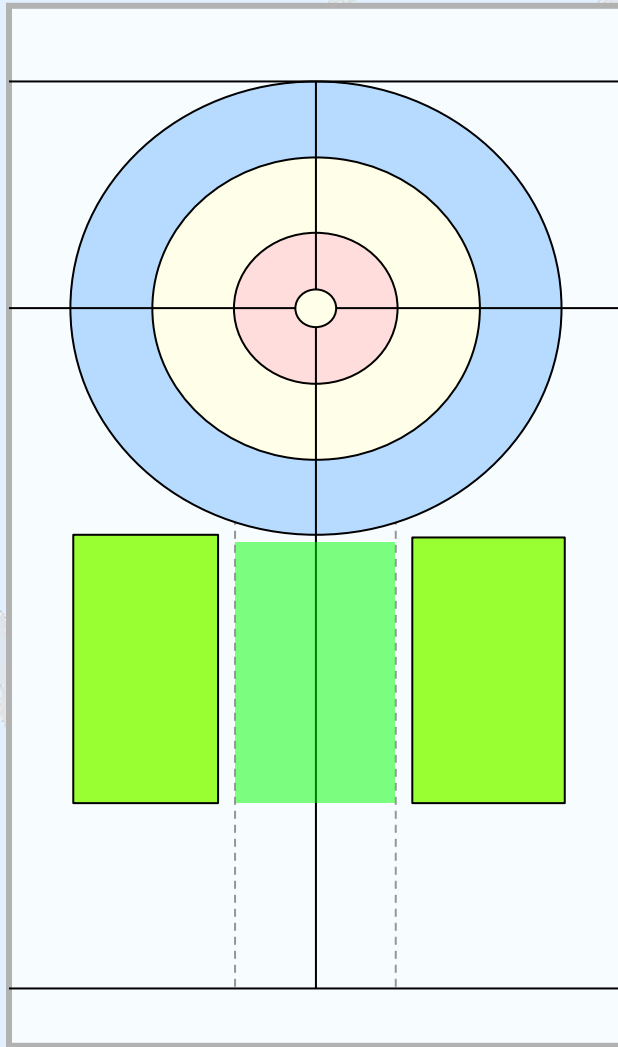
3 Points



In front of the
house,
not touching
the centre
line



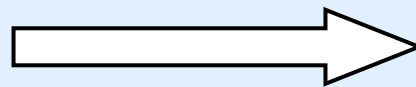
Task - Front (F)



4 Points

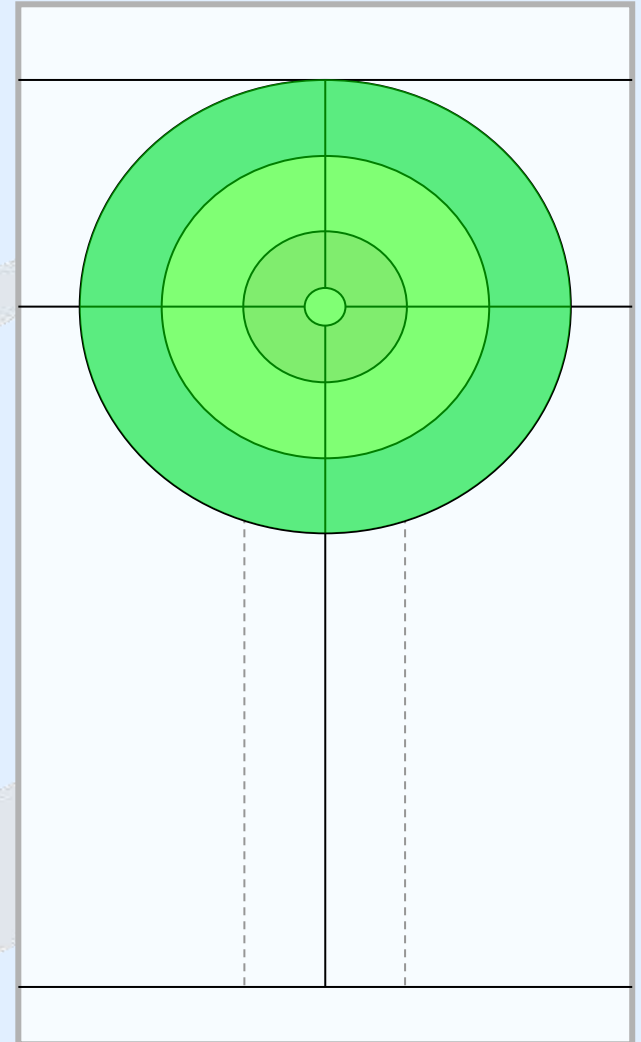
🌀 In front of the house, 2m (6ft) over the hog line

🌀 Centre or side (tactics)

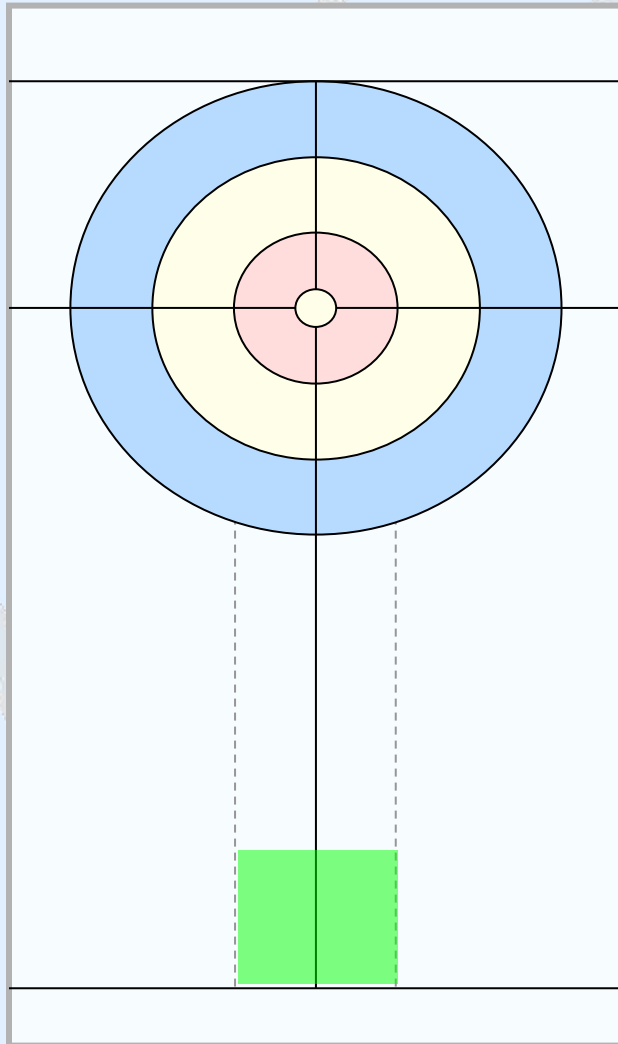


0 Points

🌀 In (or behind) the house (losing the Free Guard Zone advantage)



Task - Front (F)



2 Points

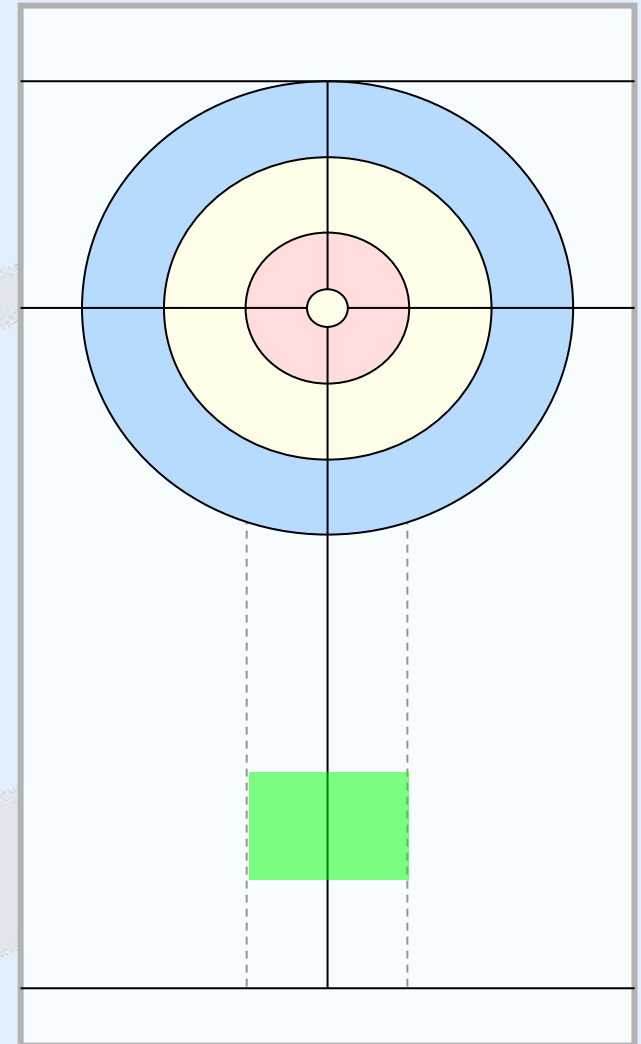
☞ In front of the house, just over the hog line

☞ NB: 2nd Front or "Long Guard" = 4 Points



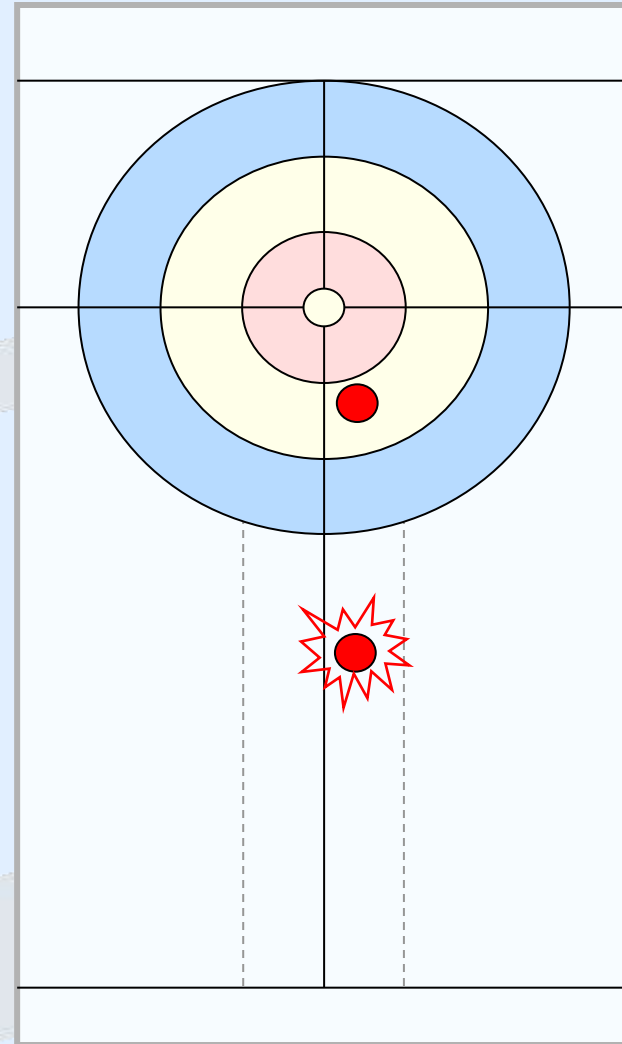
3 Points

☞ In front of the house, 1m (3ft) over the hog line

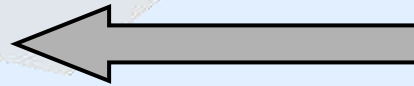
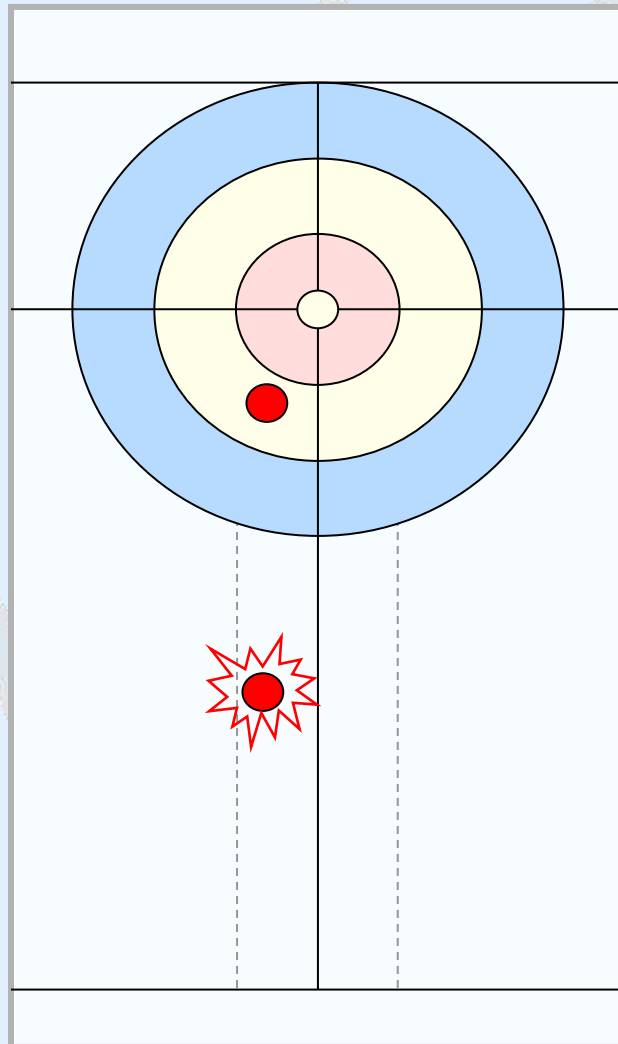


Task - Guard (G)

- ☞ Shortcut "G"
- ☞ Characteristics:
 - ☞ Protecting another stone
 - ☞ Usually in front of the house
 - ☞ The line is more important than the weight



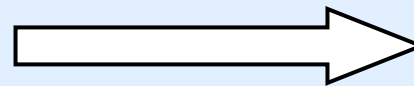
Task - Guard (G)



4 Points



In front of
the house, in
line with the
stone to be
protected



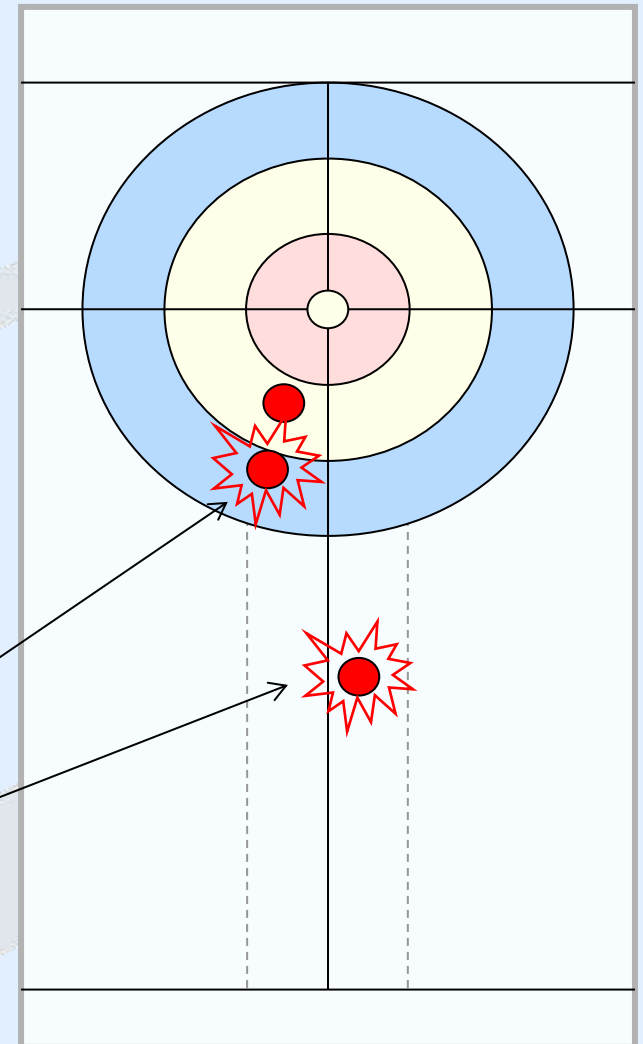
0 Points



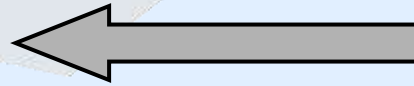
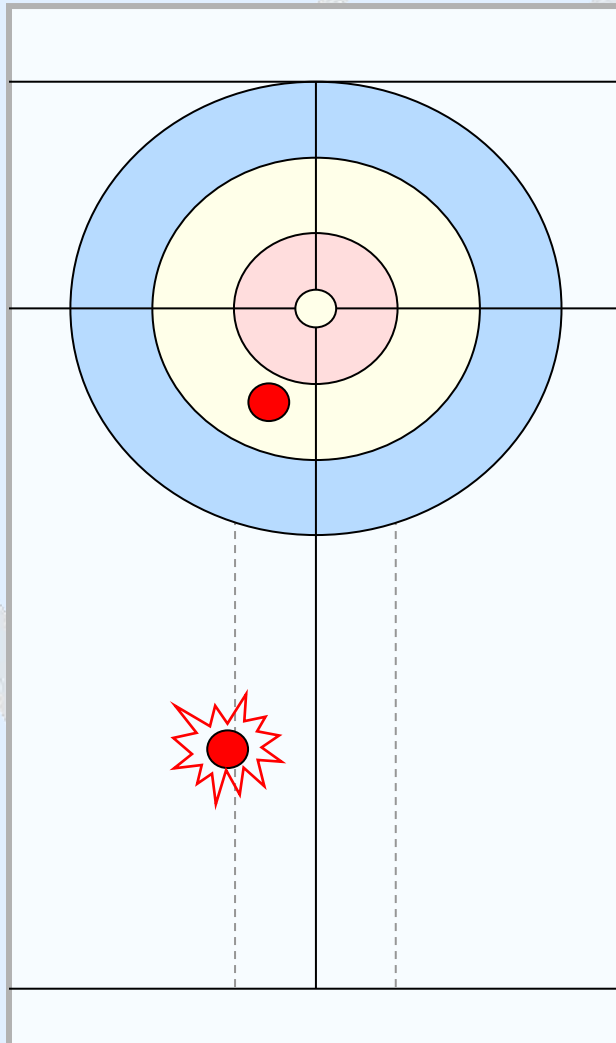
Too close



Not covered



Task - Guard (G)



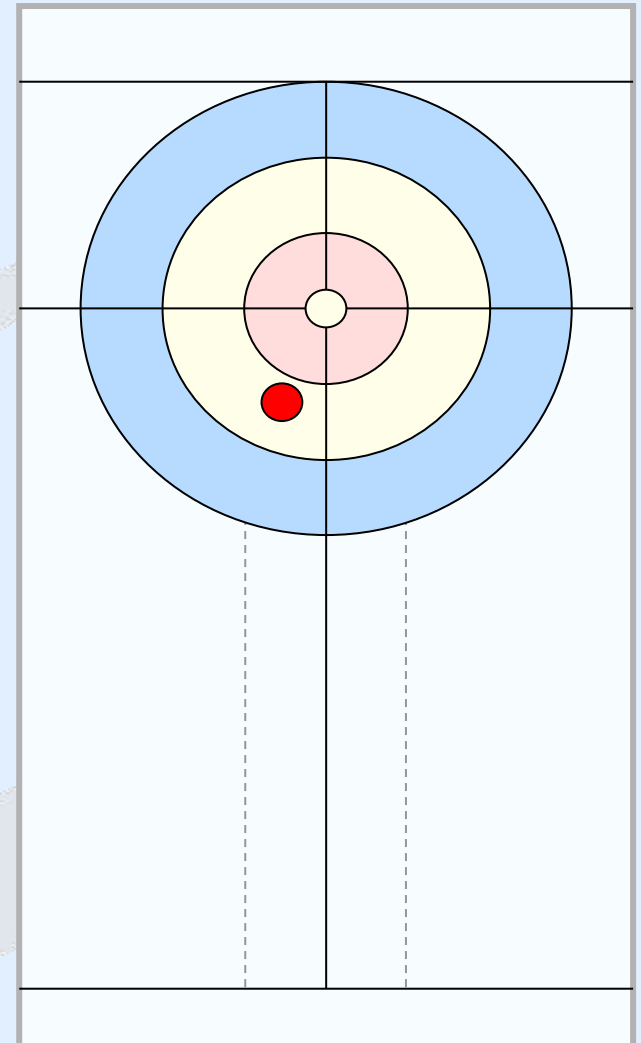
2 Points

 Partially covered



1/3 Points

 Somewhere in between...

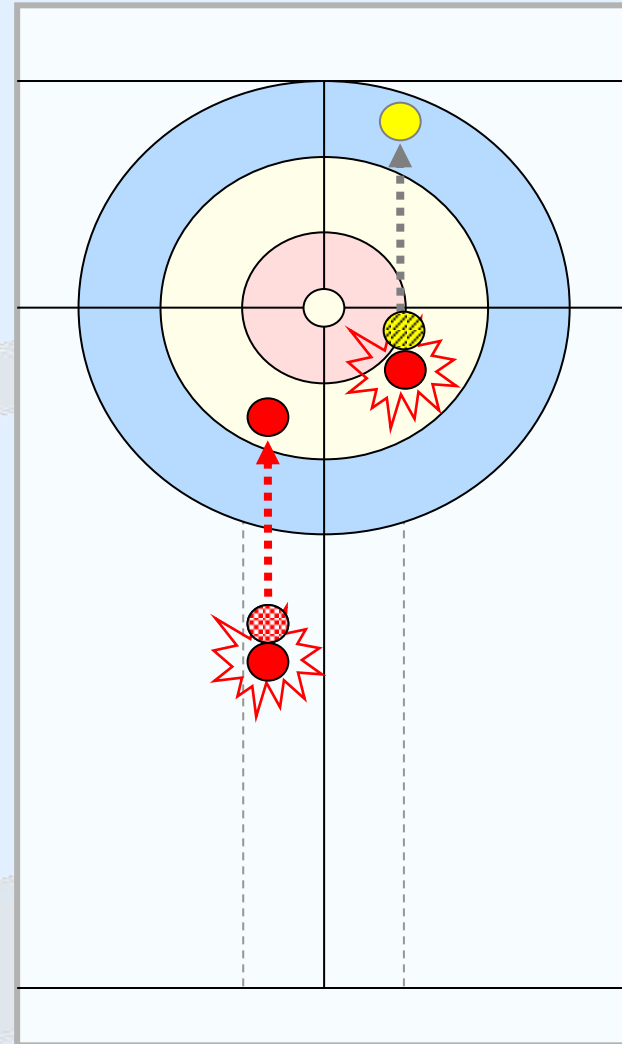


Task - Raise / Tap Back (R)

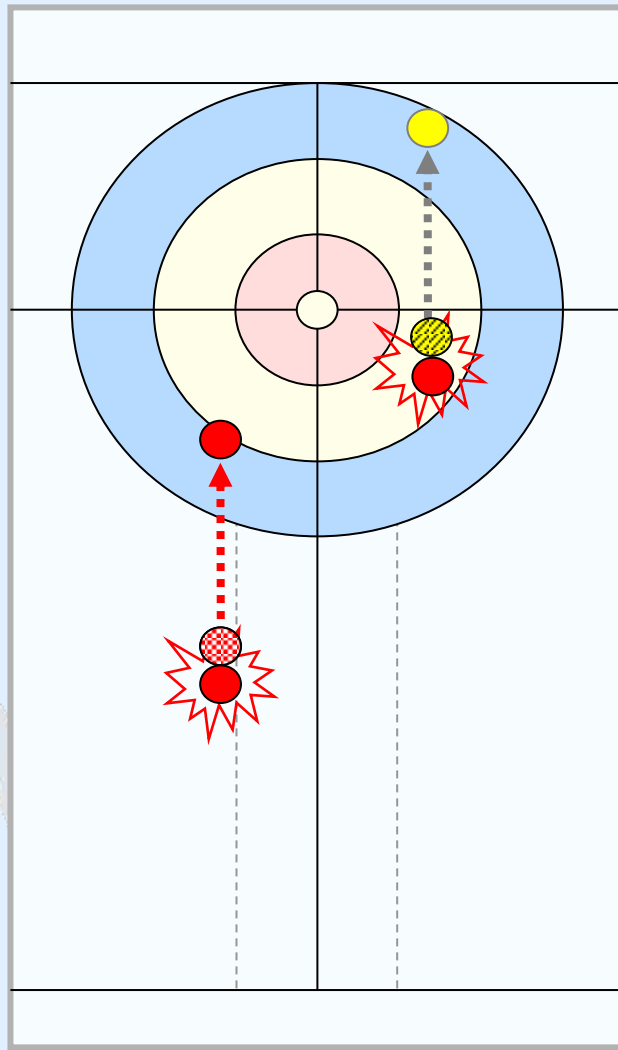
☞ Shortcut "R"

☞ Characteristics:

- ☞ Named "Raise" or "Tap Back"
- ☞ Pushing intentionally another stone (straight or sideways)
- ☞ Raised stone can be the own stone or the opponent stone (out of scoring position)
- ☞ Executed in the house or in front of the house
- ☞ A raised stone generally stays in play



Task - Raise / Tap Back (R)

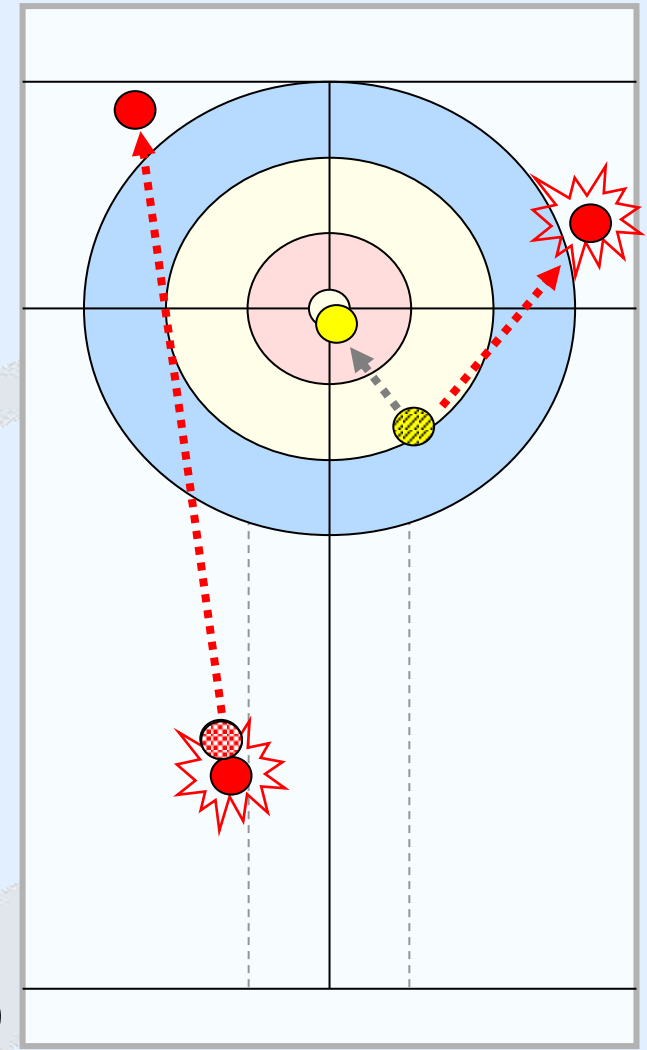


4 Points

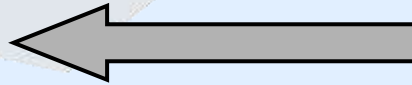
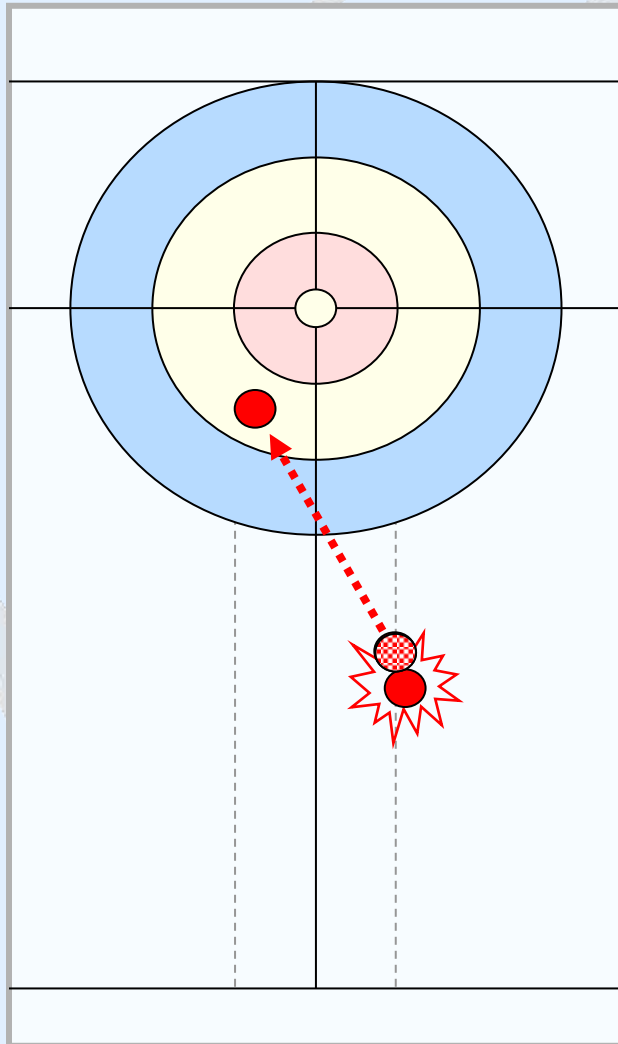
-  Raised stone in desired position (own or opponent)

0 Points

-  Raised own stone out of play (e.g. too long)
-  Complete miss of stone to be raised (own or opponent)



Task - Raise / Tap Back (R)



2 Points



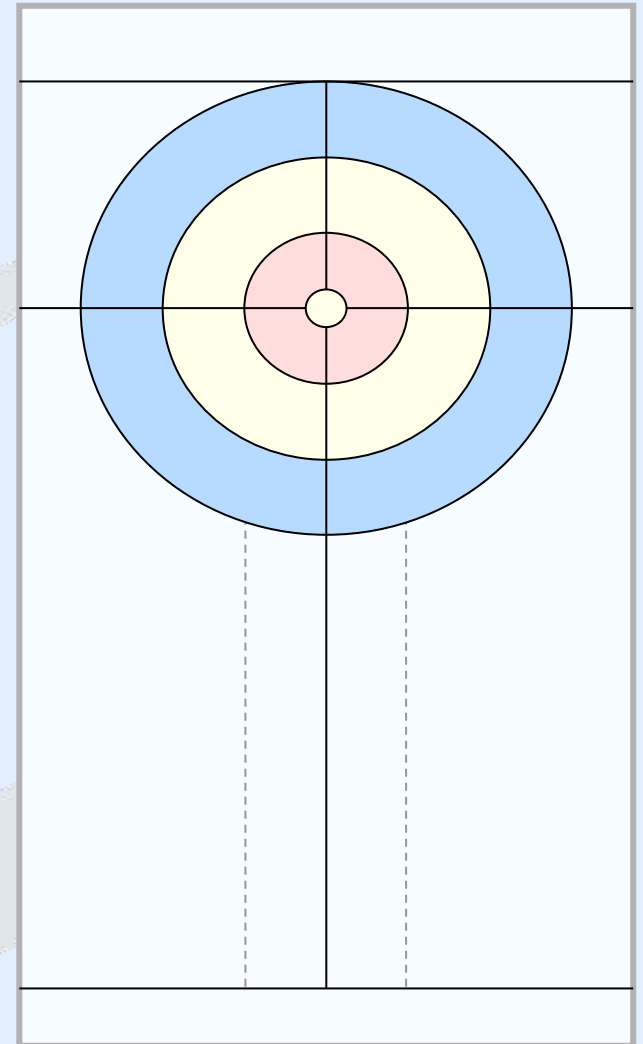
Not in desired position
(e.g. not behind Guard)



1/3 Points

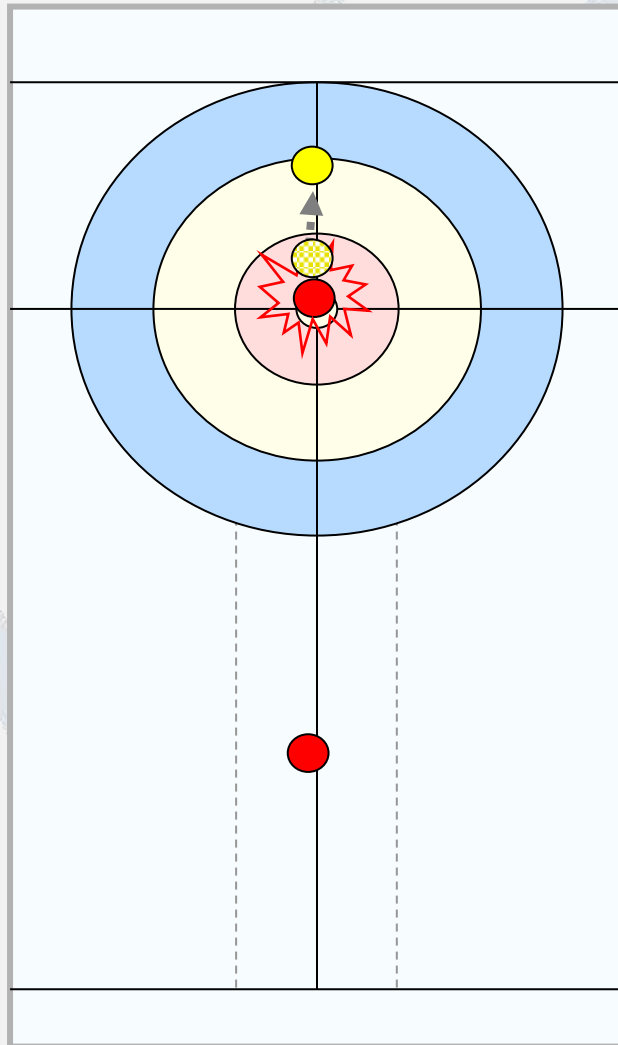


Not often used



Task - Raise / Tap Back (R)

Mixed Doubles - First stone of the end



4 Points



On the
Centre Line
(behind the
Guard)

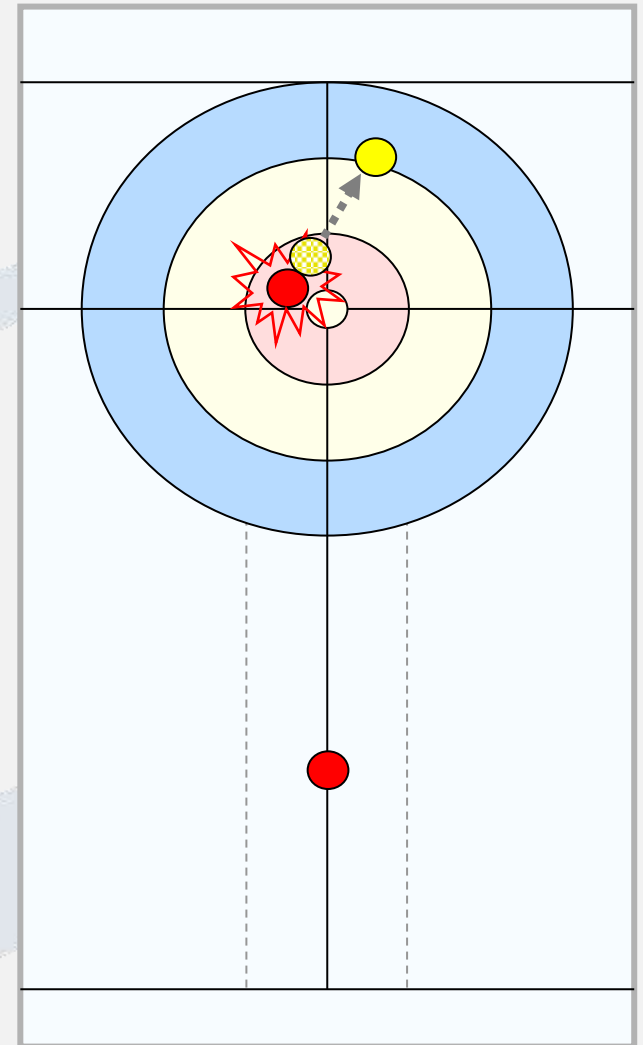


3 Points



Sideways

During end:
Standard Guidelines
for Raise

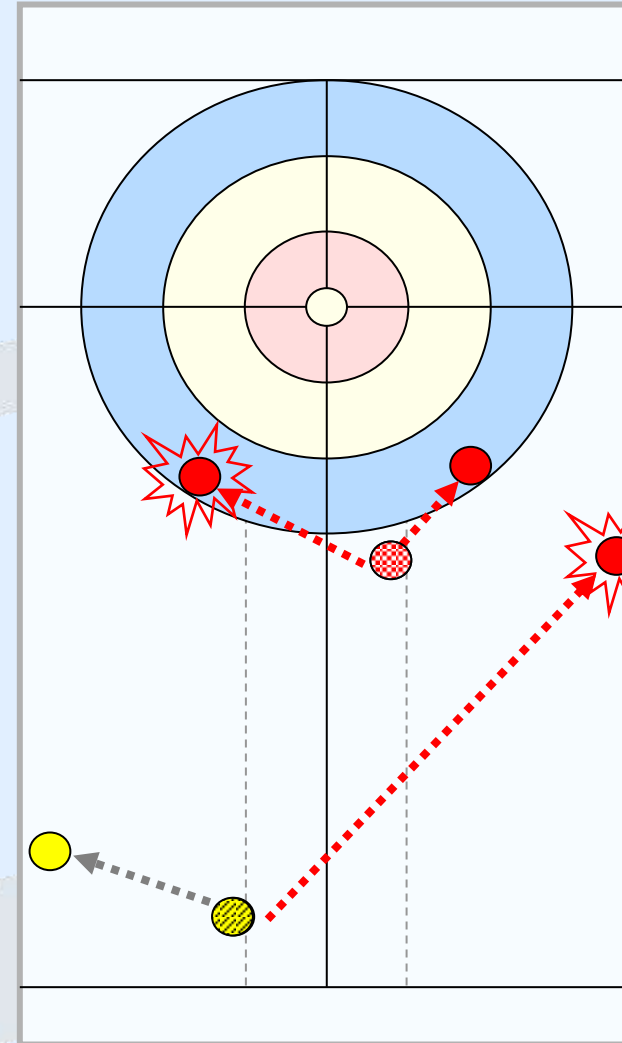


Task - Wick / Split / Soft-Peeling (W)

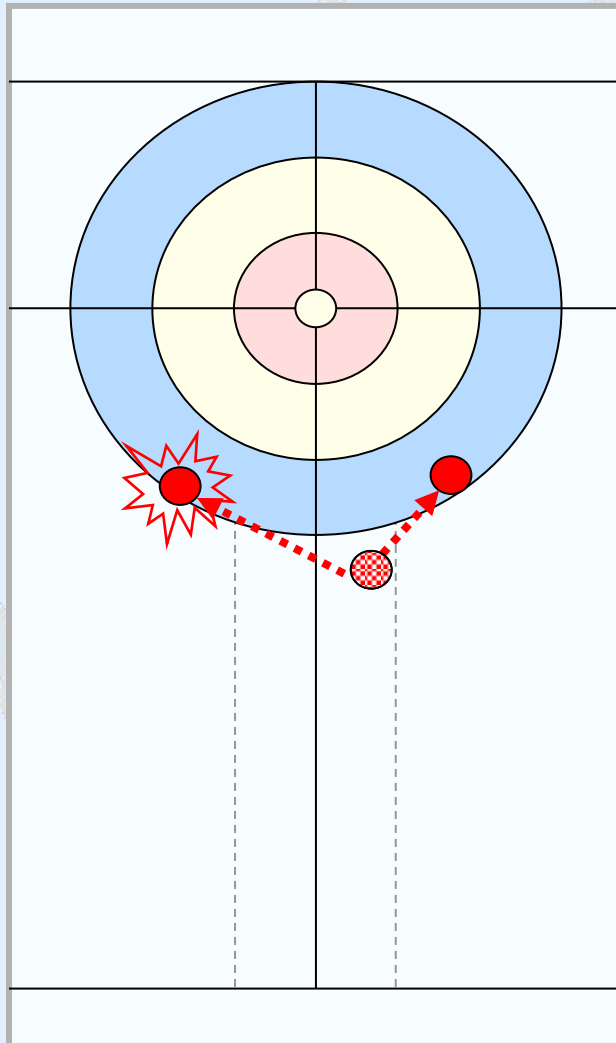
☞ Shortcut "W"

☞ Characteristics:

- ☞ Task used for **Wick**:
Bringing two own stones in desired position
- ☞ Also called "Split"
- ☞ Task used for **Soft-Peeling**:
Moving a stone in the Free Guard Zone to the side or behind the house



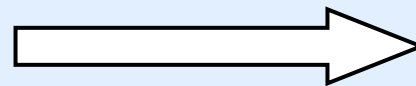
Task - Wick / Split (W)



←

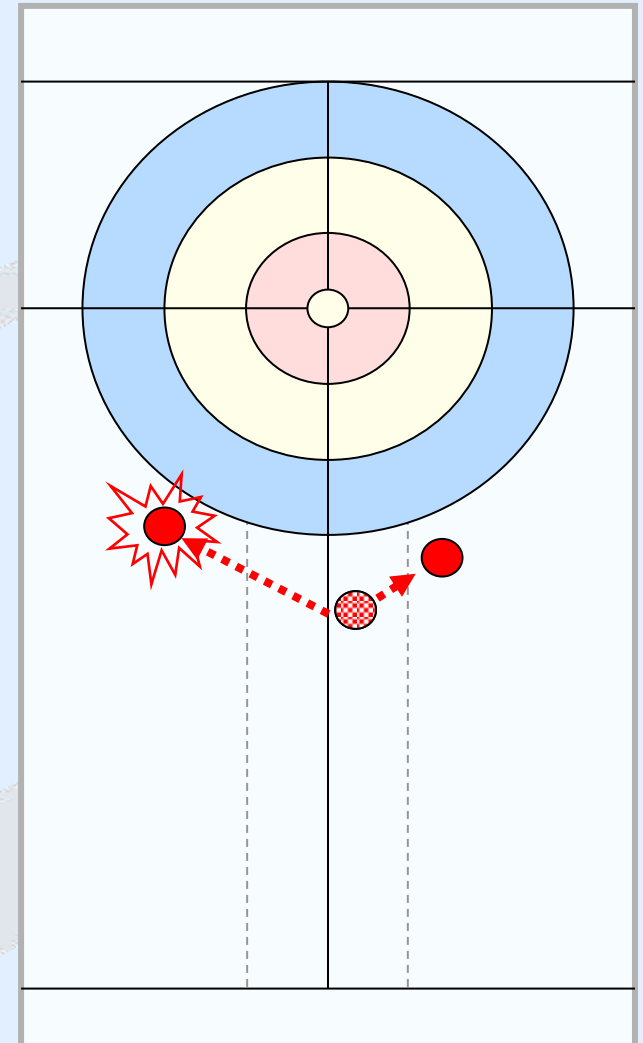
4 Points

- Both stones in the desired position
- Typically played to score two or to spread in the house

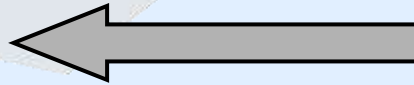
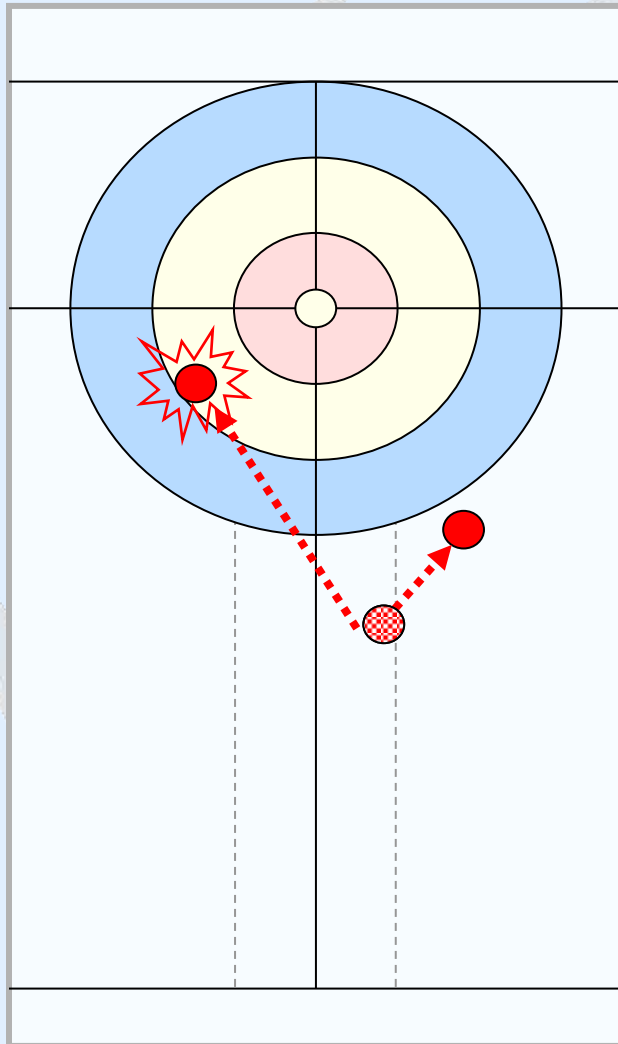


0 Points

- No stone in the desired position



Task - Wick / Split (W)



2 Points



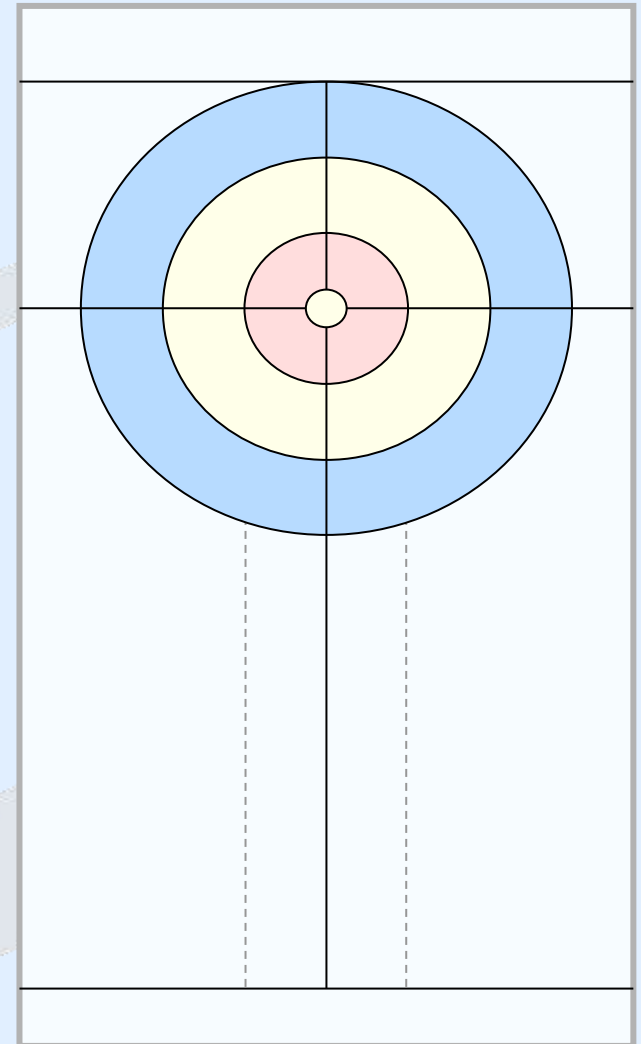
Only one
stone in the
desired
position



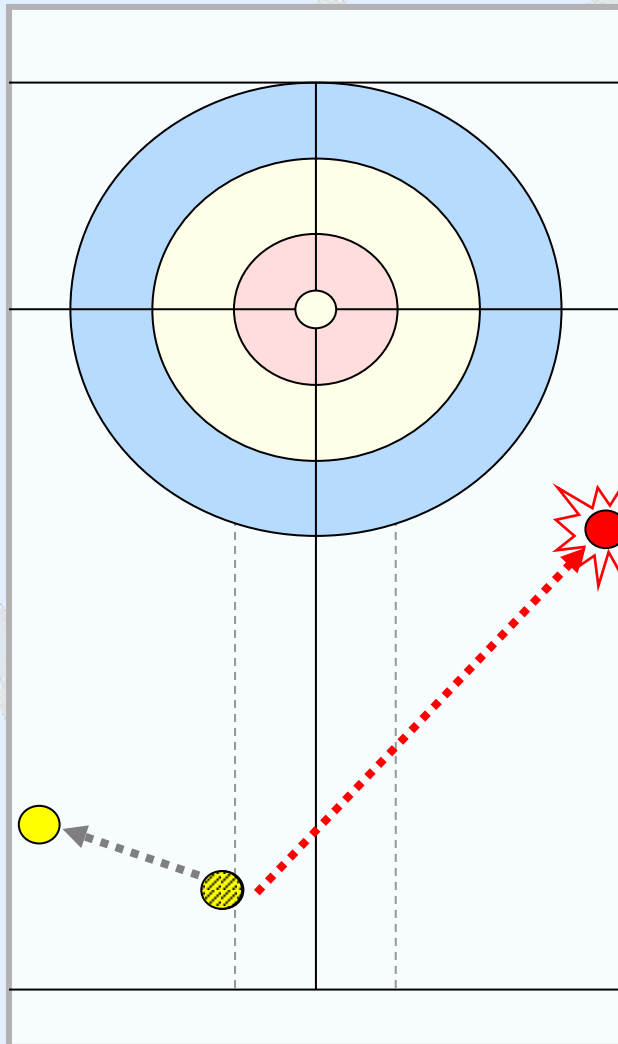
1/3 Points



Not often
used

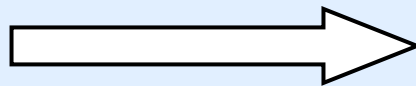


Task - Soft-Peeling (W)



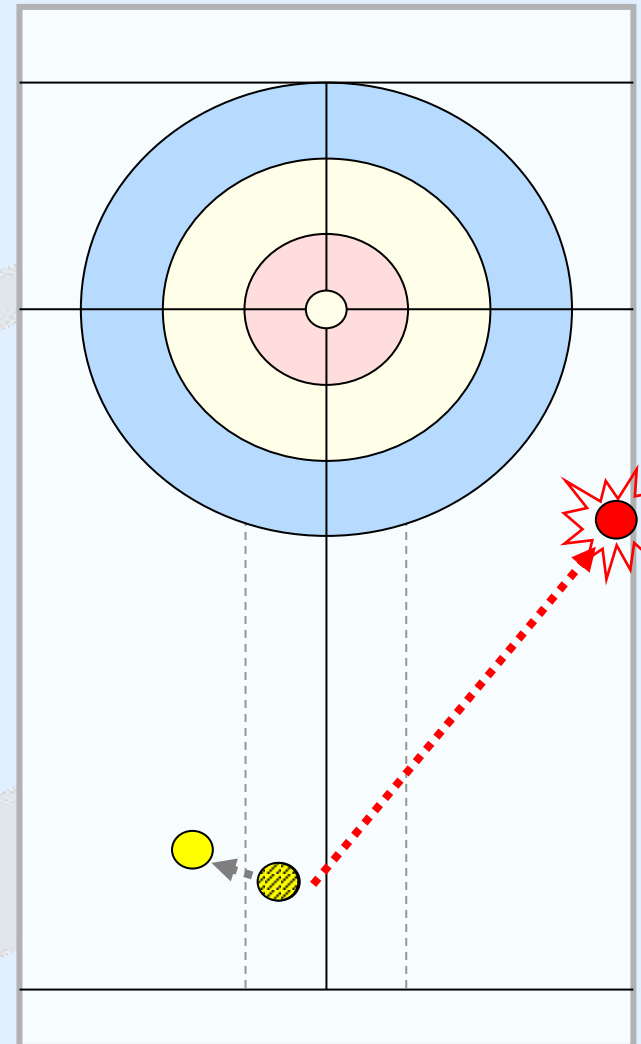
4 Points

- Opponent stone moved to the side or behind the house
- Own stone out of play or very much on the side



2 Points

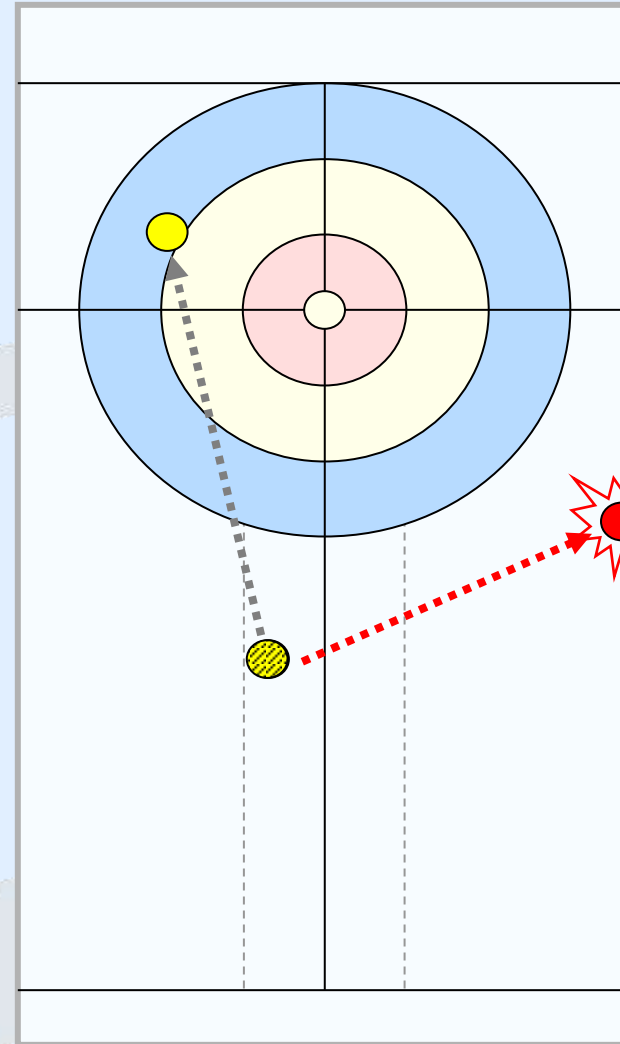
- Partially out of centre
- Own stone out of play or very much on the side



Task - Softpeeling - Special Case

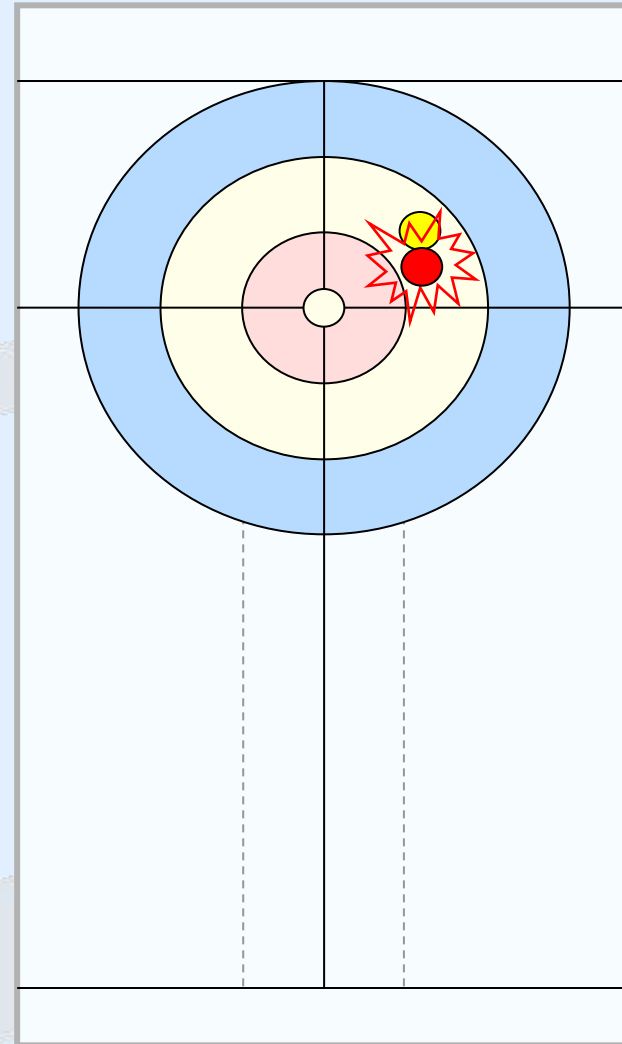
Note:

-  Some teams play the opponent Front stone intentionally in the house (either pushed before or behind the tee line, depending on the skip's decision).
-  In such case, keep task "Wick / Softpeeling" and judge accordingly.

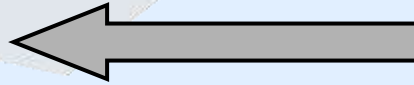
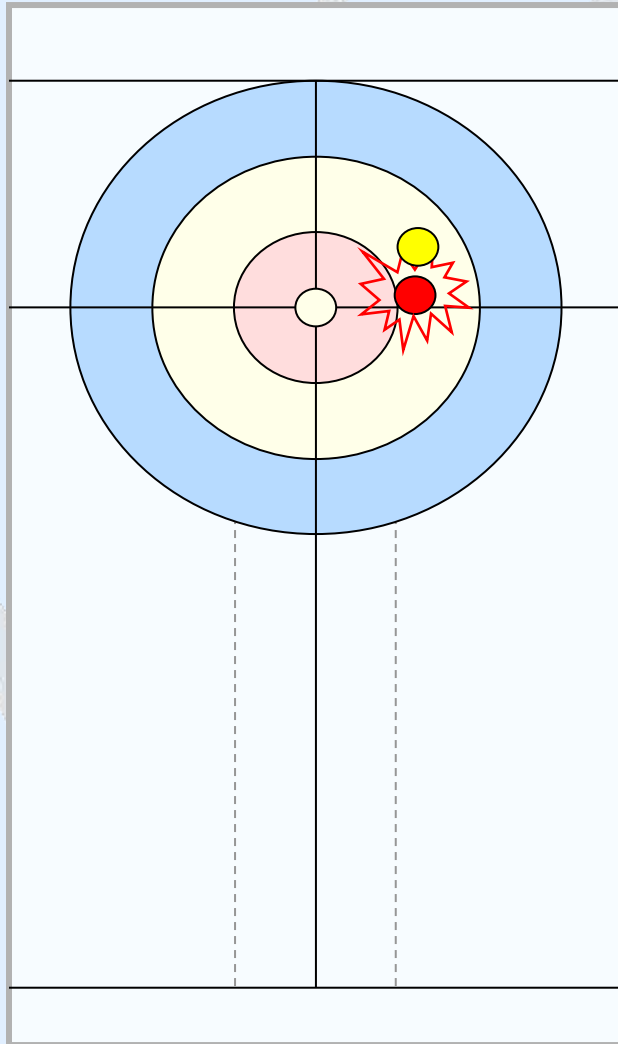


Task - Freeze (Z) (use with caution)

- ☞ Shortcut "Z"
- ☞ Characteristics:
 - ☞ Playing a stone as close as possible to another stone
 - ☞ **Use Freeze ONLY when it is the last possibility to stay in the game (i.e. the second last stone in the end)**
 - ☞ If the skip just wants to have a stone somewhere close to other stones, it is considered a **Draw** and judged as such.



Task - Freeze (Z) (use with caution)



4 Points



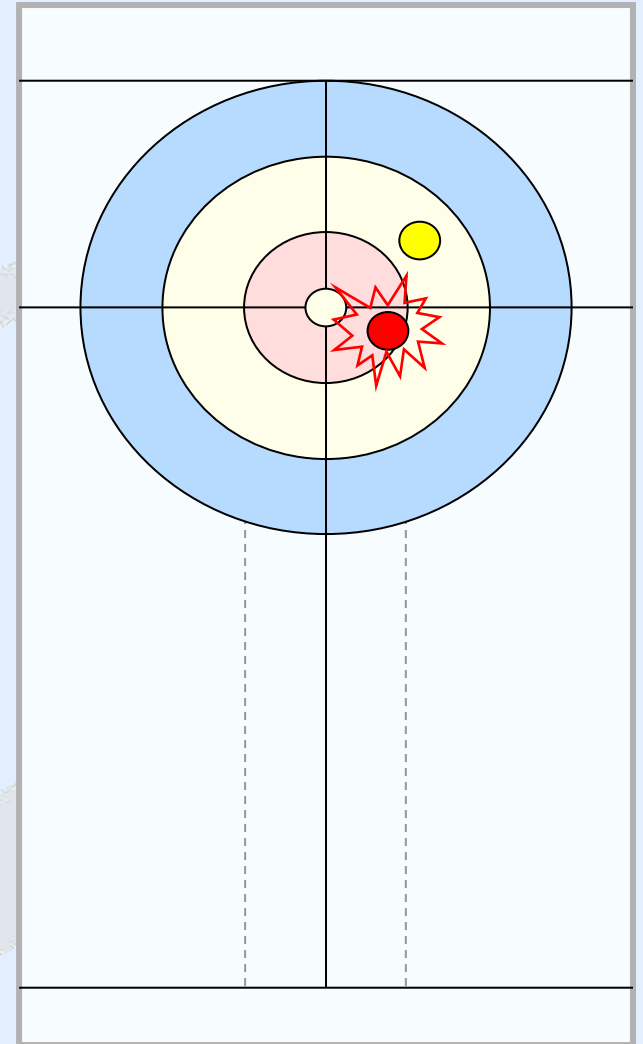
Max 5cm (2")
away, in line



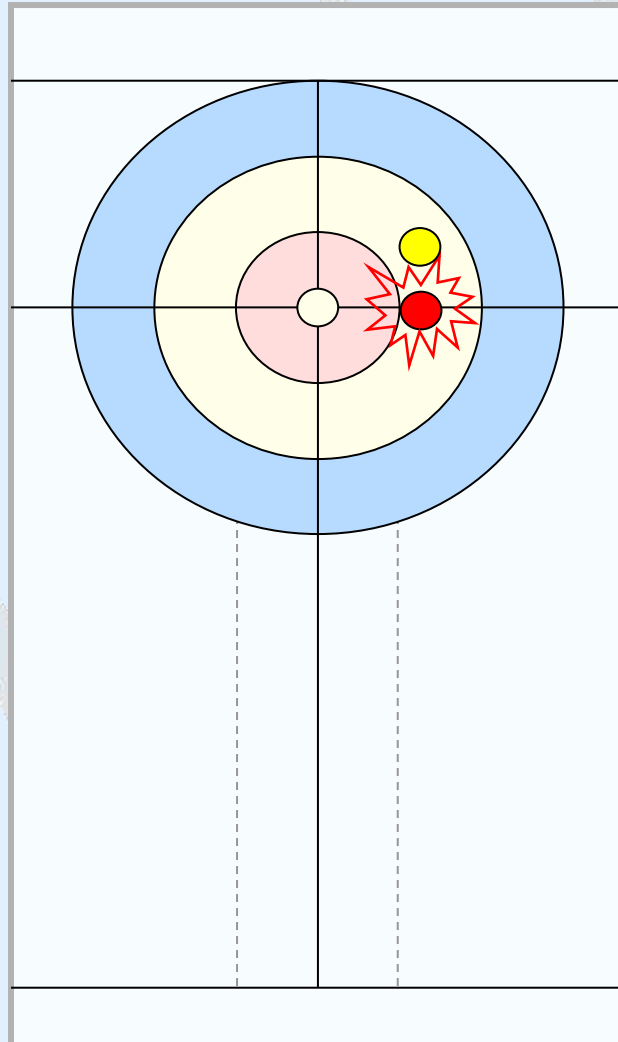
0 Points



More than
10cm (4")
away or
sideways



Statistics: Freeze (Z) (use with caution)



2 Points

Max 10cm (4")
away, in line



1/3 Points

Somewhere in
between ...

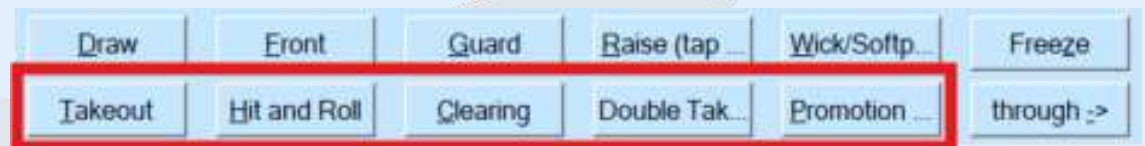
Task - Fast Stones



Fast Stones

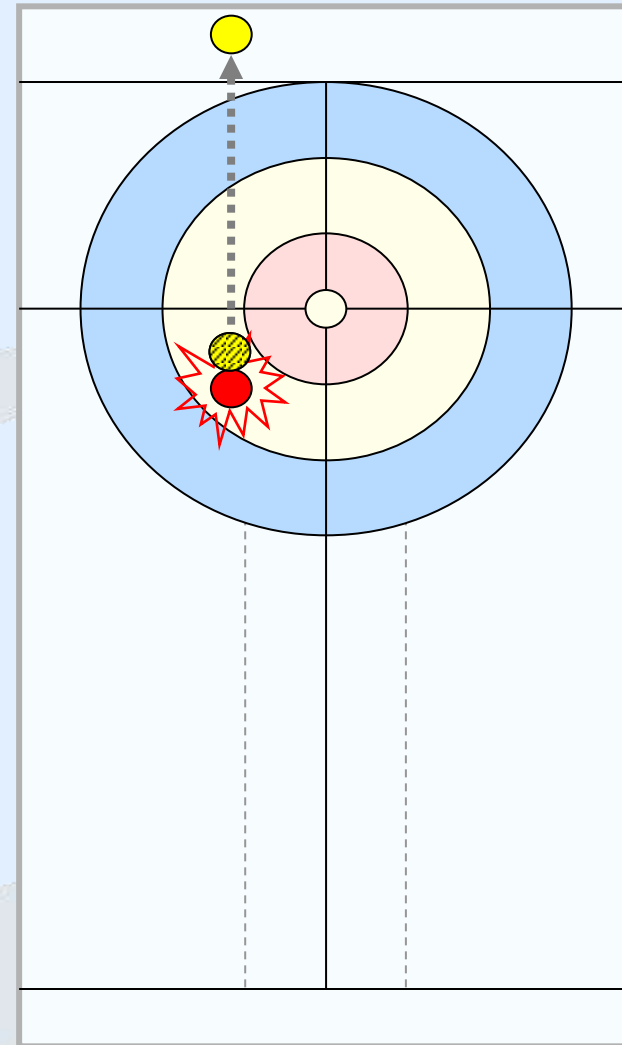
-  Take-out (T)
-  Hit and Roll (H)
-  Clearing (C)
-  Double Take-out (S)
-  Promotion Take-out (P)

In the software, "Fast Stones" are listed in the lower row:

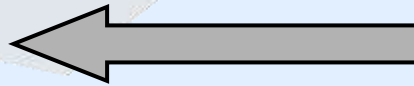
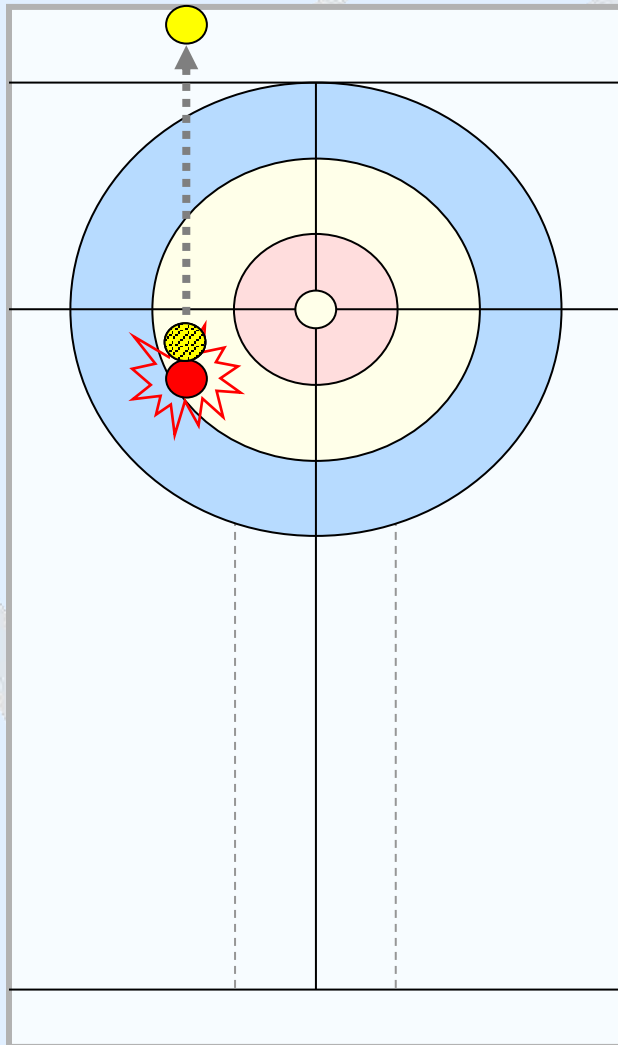


Task - Take-out (T)

- ☞ Shortcut "T"
- ☞ Characteristics:
 - ☞ Removing a stone
 - ☞ The played stone stays in play



Task - Take-out (T)



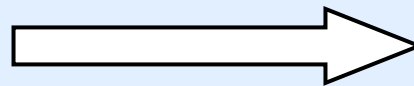
4 Points



Opponent stone removed



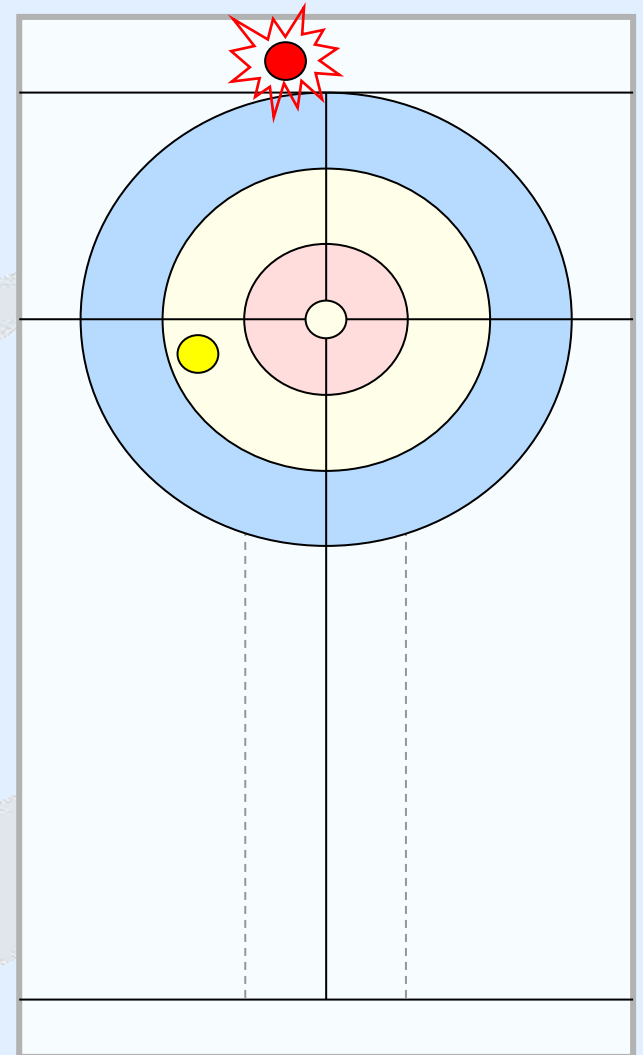
Played stone stays in play



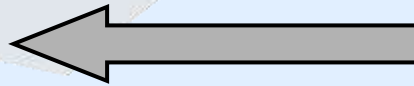
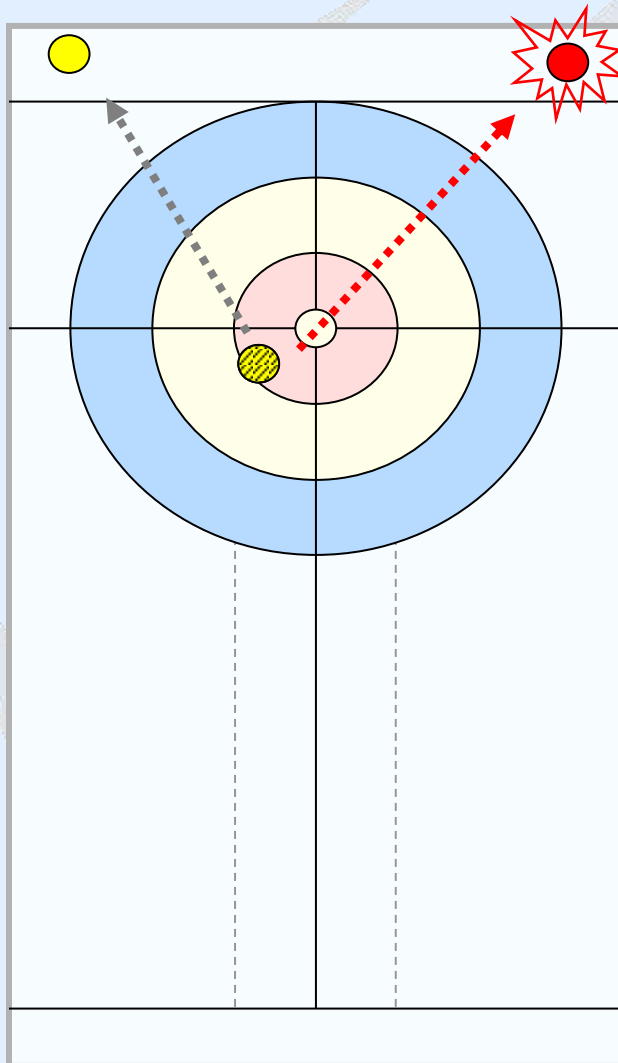
0 Points



Opponent stone still in play



Task - Take-out (T)



2 Points



Played and
opponent
stone out of
play



3 Points

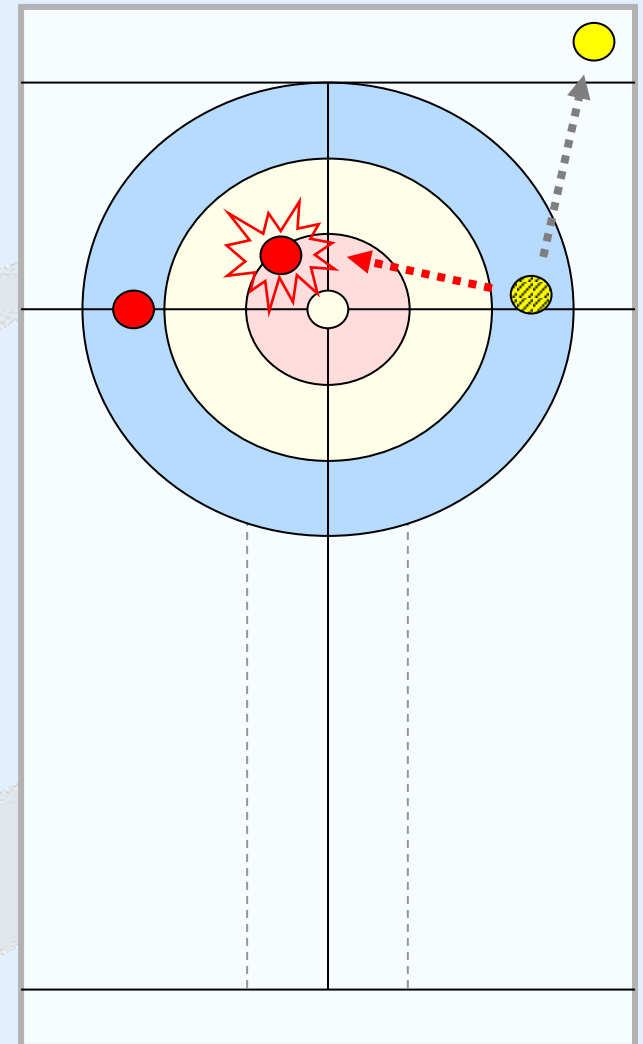


Must hit and
stay, but rolls
away, still in
play

1 Point



Not often used



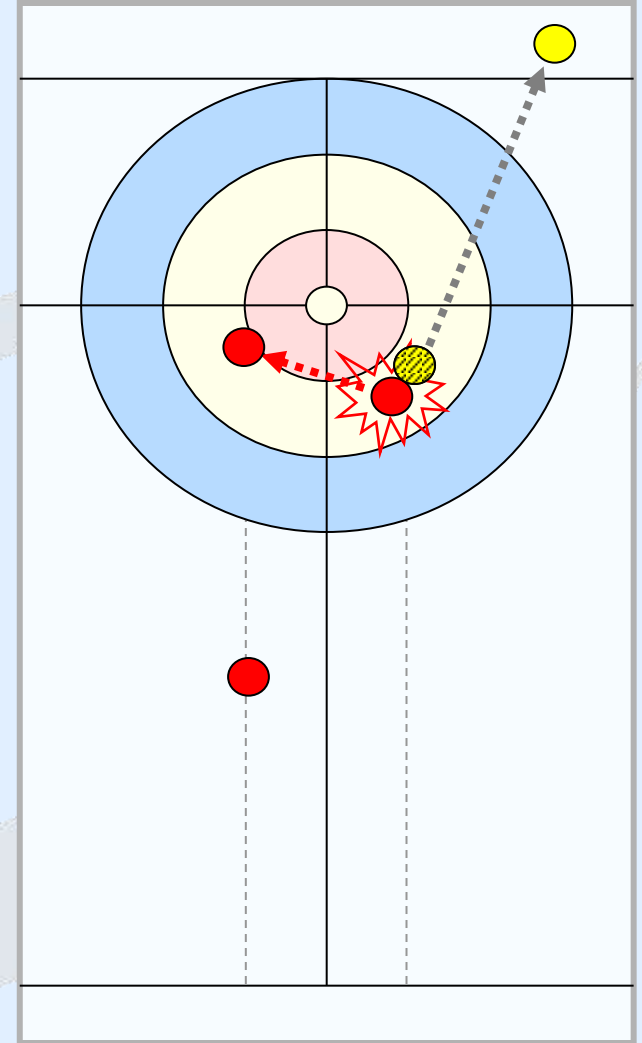
Task - Hit and Roll (H)

Shortcut "H"

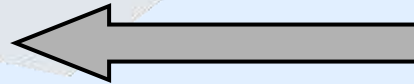
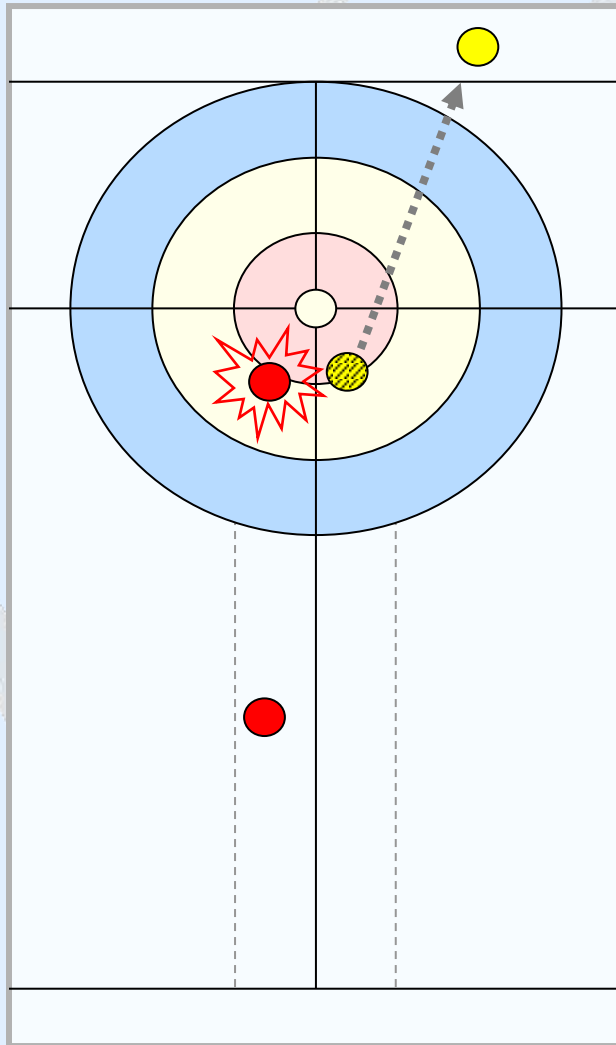


Characteristics:

- ☞ Removing a stone
- ☞ The played stone stays at the **desired** position (e.g. behind a Guard, in front of another stone)
- ☞ If there are no stones in play and the played stone roles within the house, it is considered a Take-out and has to be judged as such



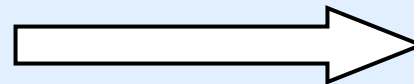
Task - Hit and Roll (H)



4 Points



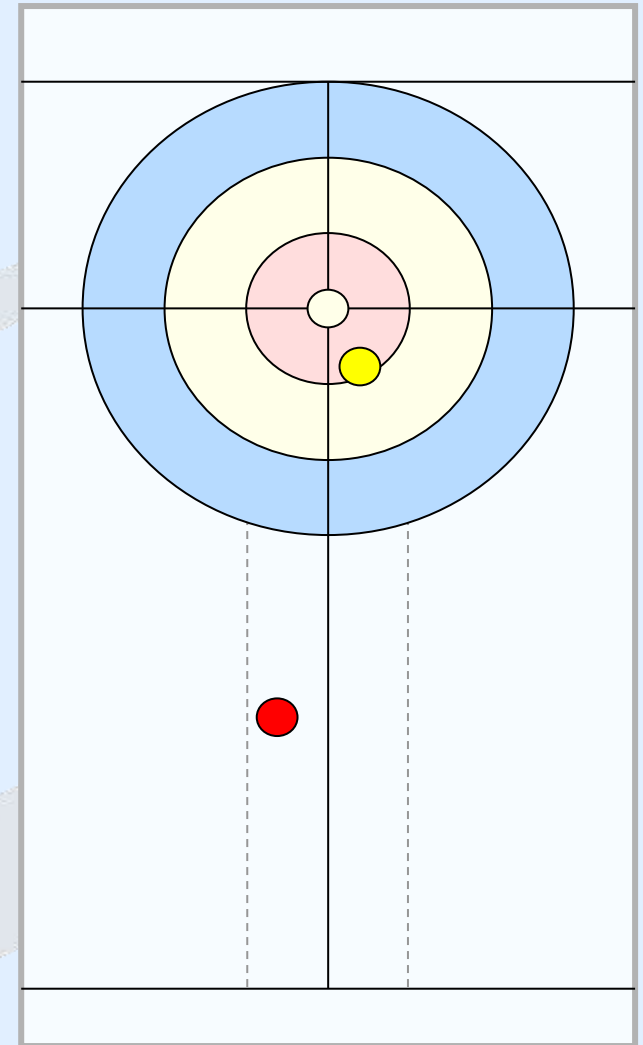
Played stone at **desired** position (e.g. behind the Guard)



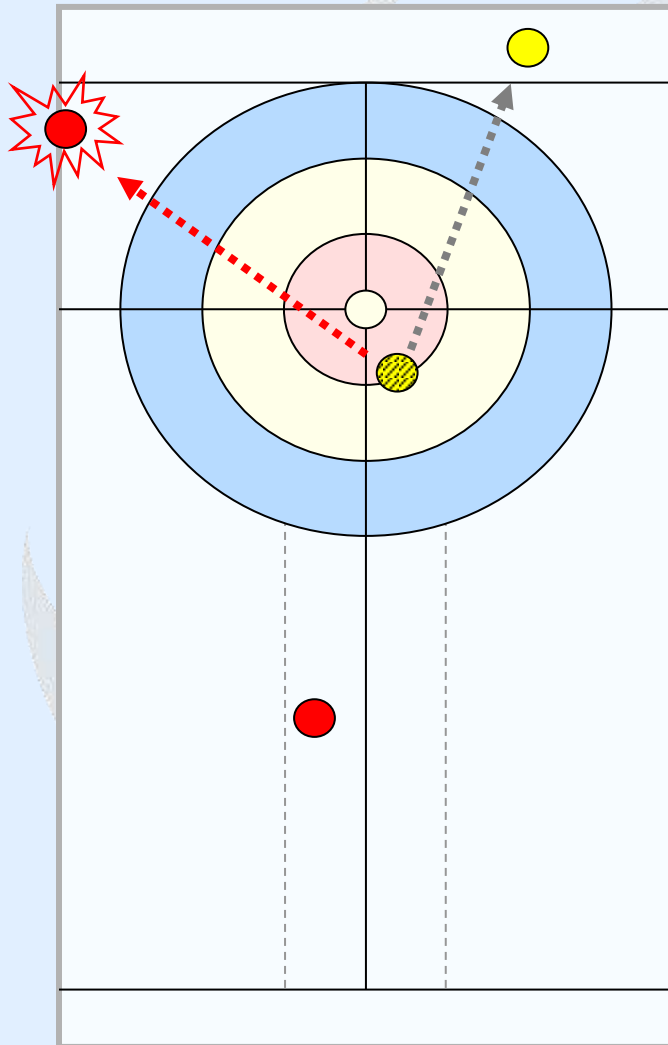
0 Points



Opponent stone still in play



Task - Hit and Roll (H)



2 Points



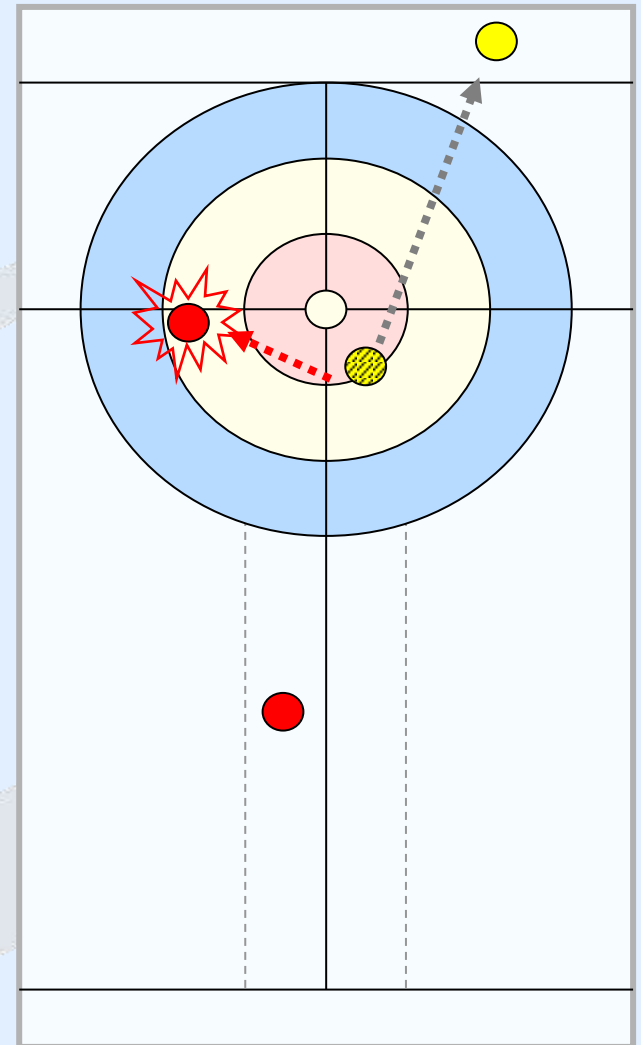
Both stones out of play



3 Points

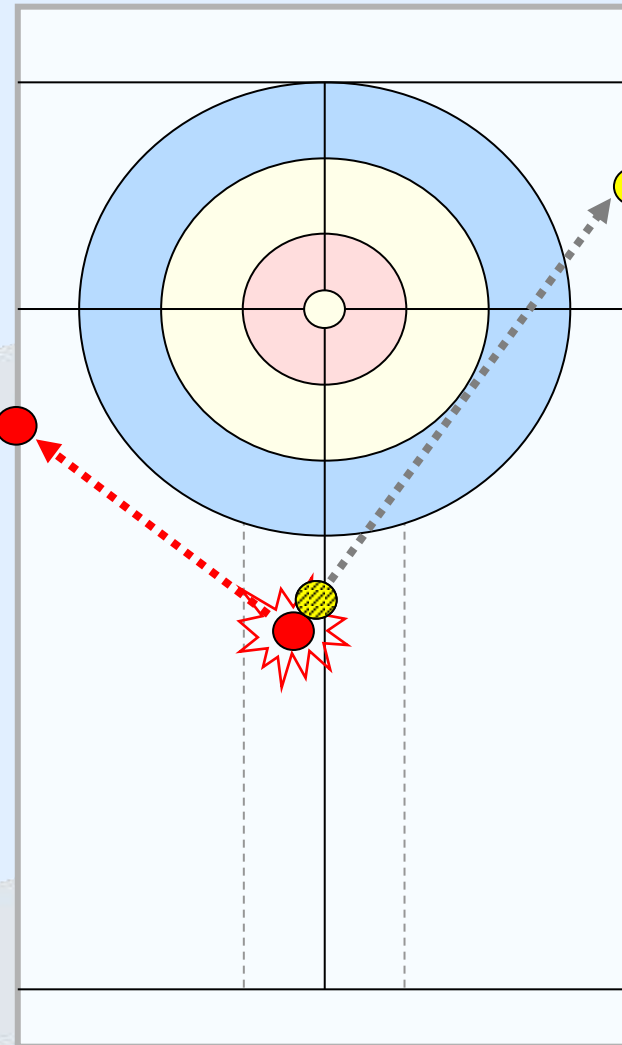


Played stone in play, but **not at desired** position (e.g. not behind the Guard)

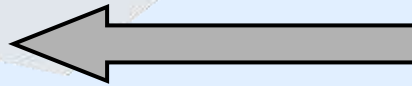
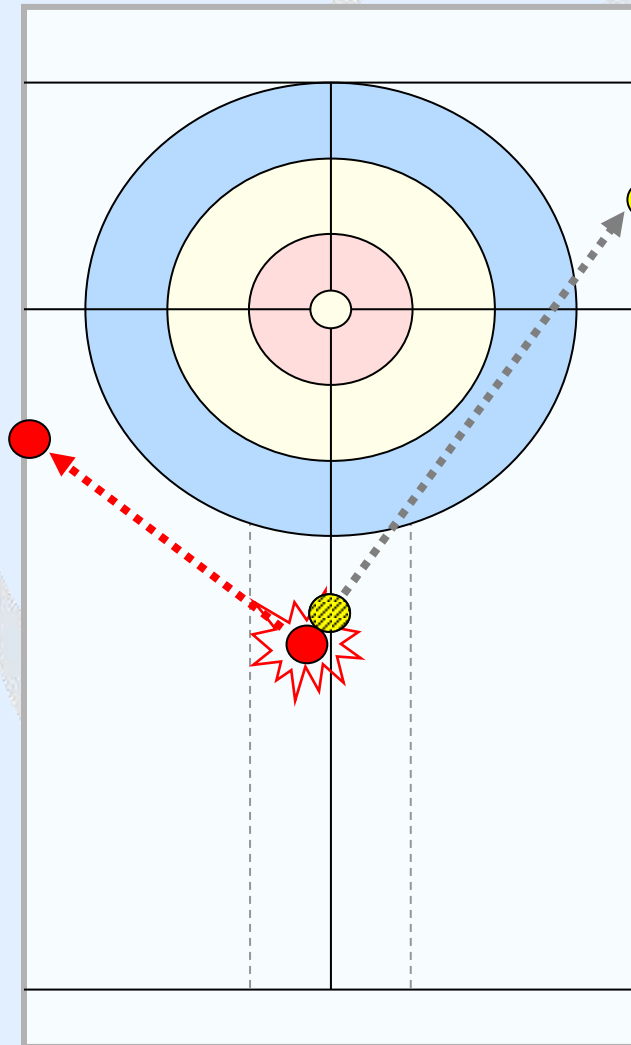


Task - Clearing (C)

- ☞ Shortcut "C"
- ☞ Characteristics:
 - ☞ Removing one or multiple stones
 - ☞ The played stone is out of play as well
- ☞ Clearing to blank
 - ☞ Blanking the end -> 0:0



Task - Clearing (C)



4 Points



Both stones
out of play



1 Point

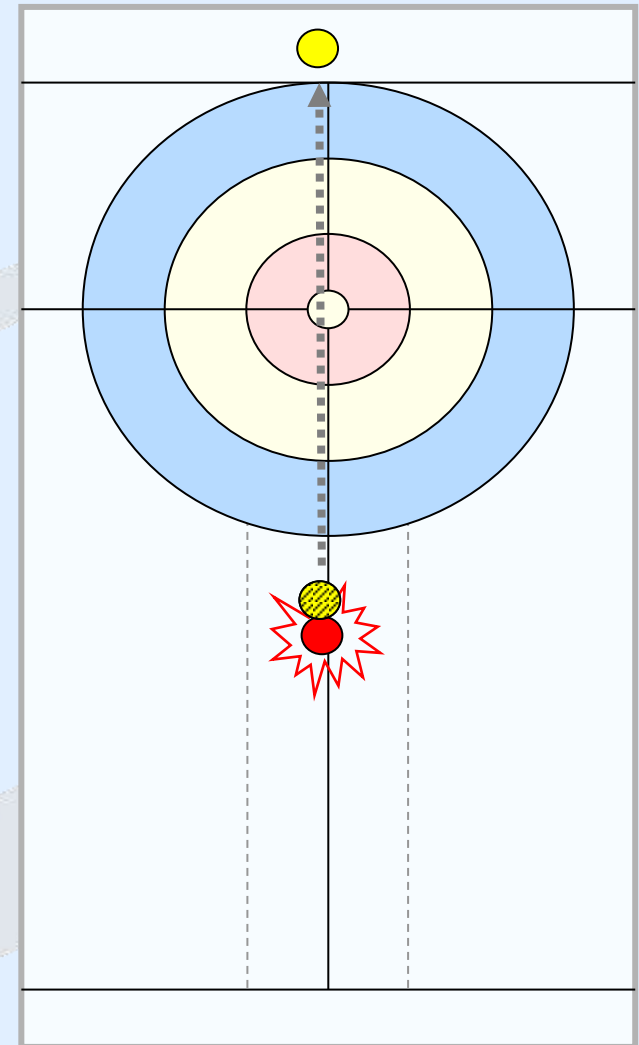


Hitting on nose,
only replacing
with own colour

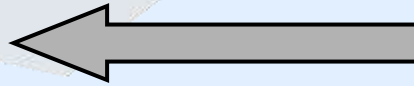
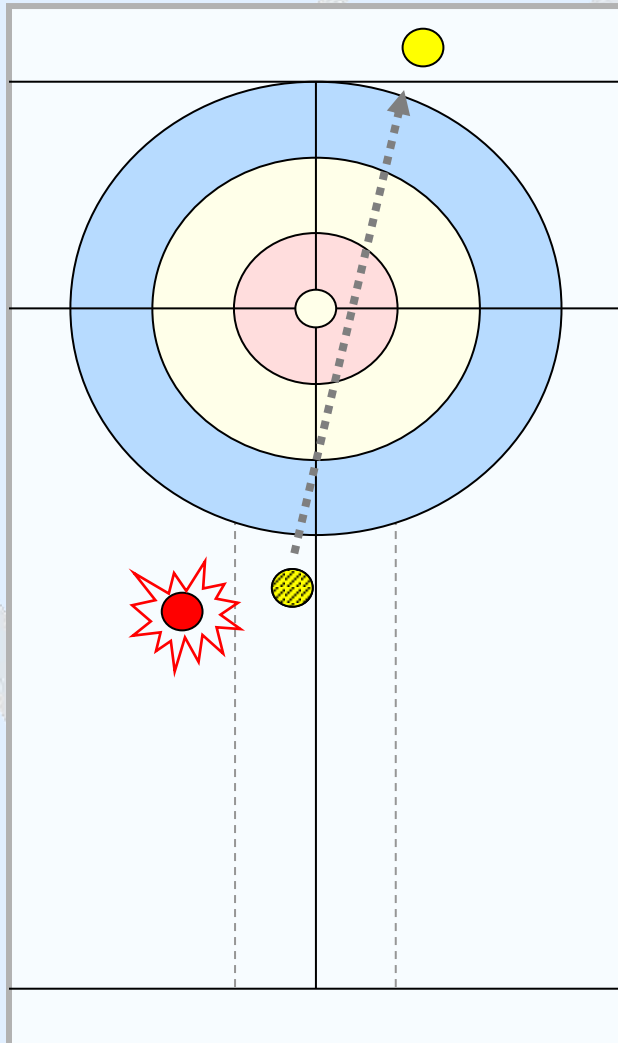
0 Points



Miss - opponent
stone still at the
same spot



Task - Clearing (C)



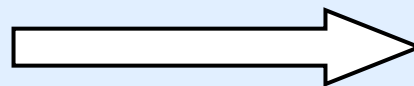
2 Points



One stone
moved, one out
of play



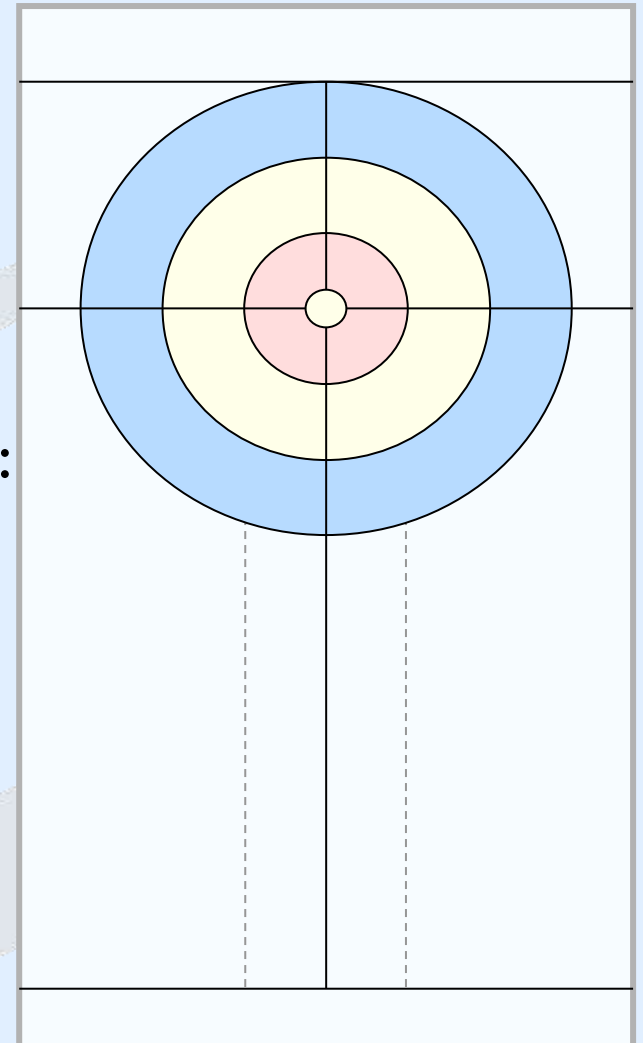
Blanking the end:
Shooter counts
(scoring 1)



3 Points



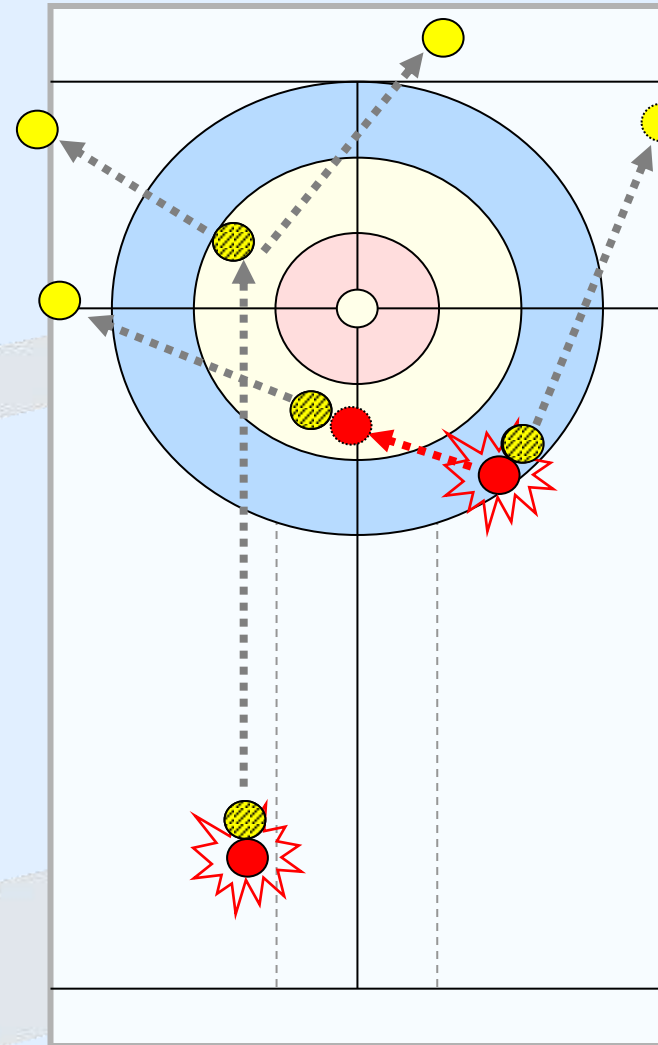
Not often
used



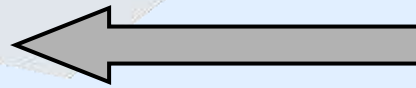
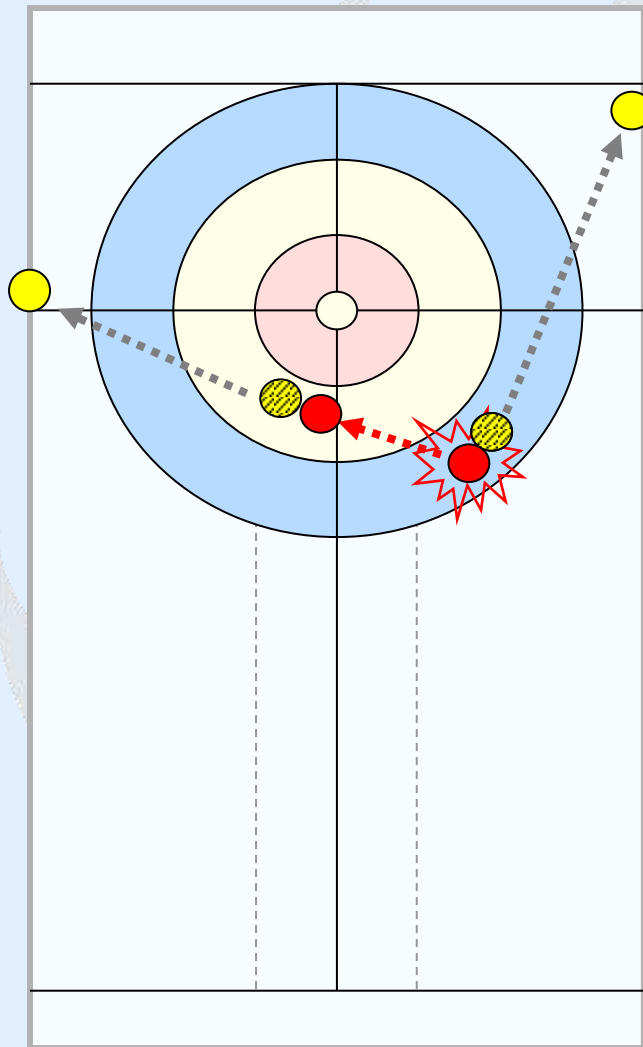
Task - Double Take-out (S)

- ☞ Shortcut "S" («Super Take-out»)
- ☞ Characteristics:
 - ☞ Removing two or more stones from the **same colour**
 - ☞ The **same colour** stones to be removed could be:
 - both stones in the house, or
 - one stone in front of the house and one stone in the house

If two or more stones in front of the house have to be removed, consider Clearing and judge accordingly.



Task - Double Take-out (S)



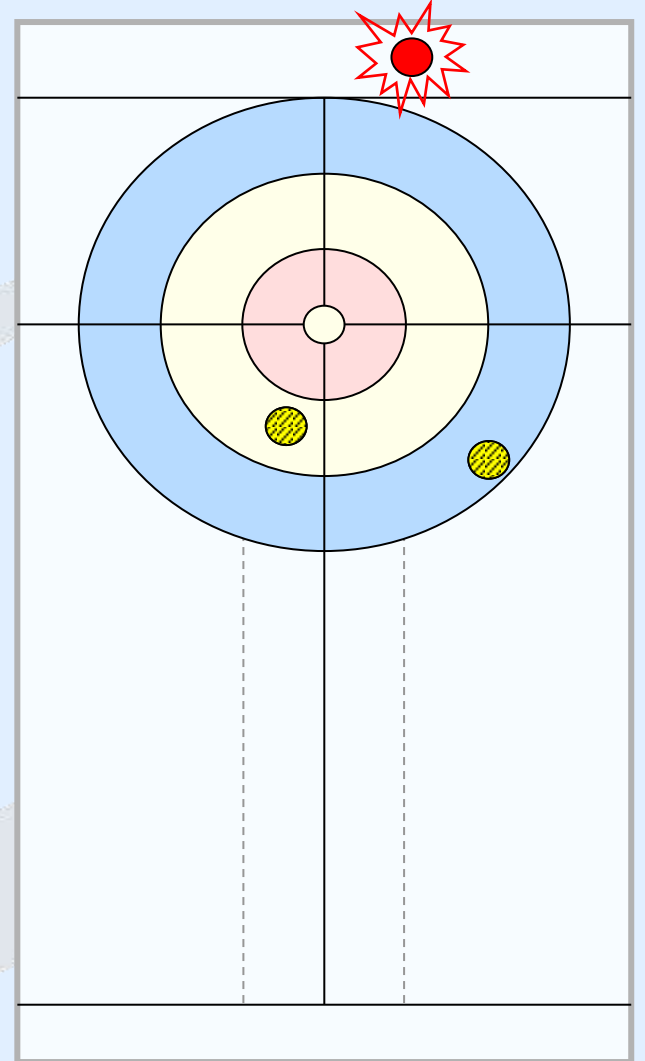
4 Points

 2 or more
opponent
stones out of
play

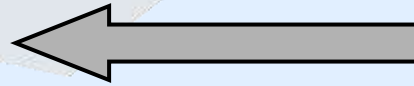
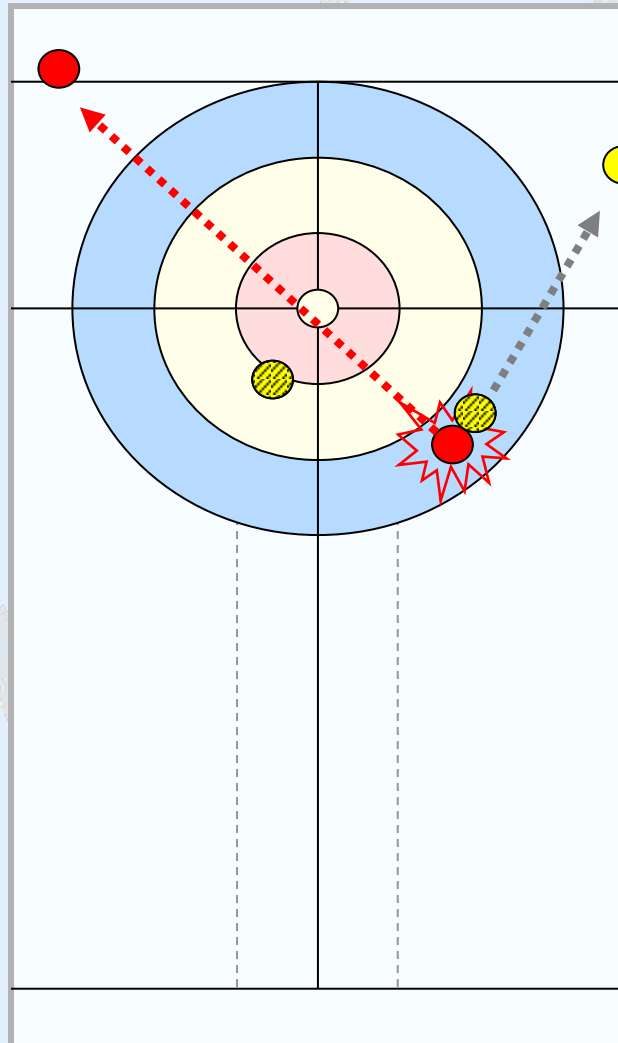


0 Points

 Opponent
stones still in
play



Task - Double Take-out (S)



2 Points



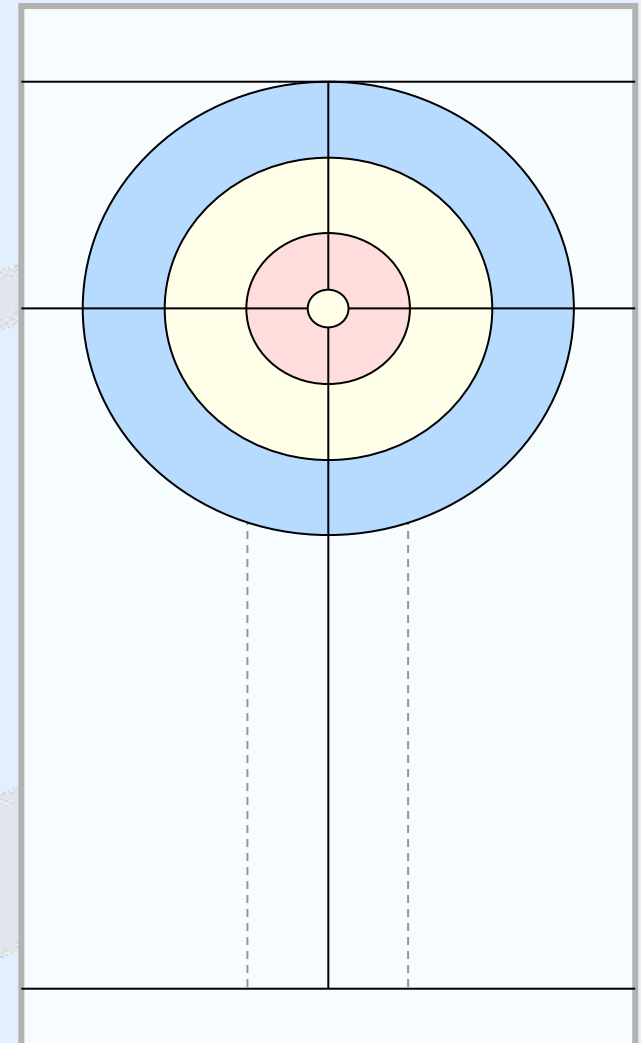
One opponent
stone out of
play



1/3 Points



Not often
used



Task - Promotion Take-out (P)



Shortcut "P"

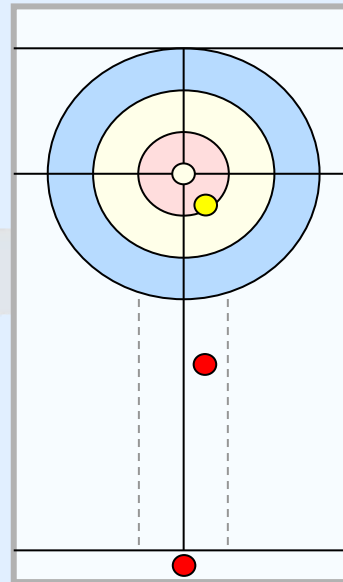


Characteristics:

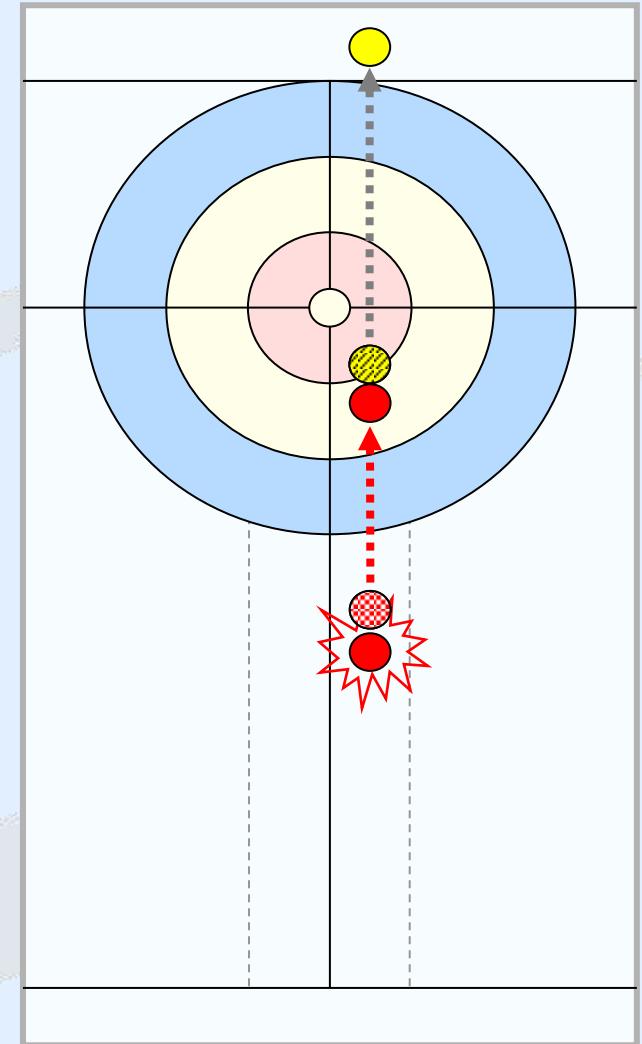
- Promoting an own stone to remove an opponent stone:

**different colours of
already played stones
involved**

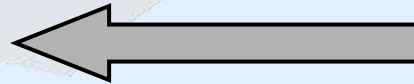
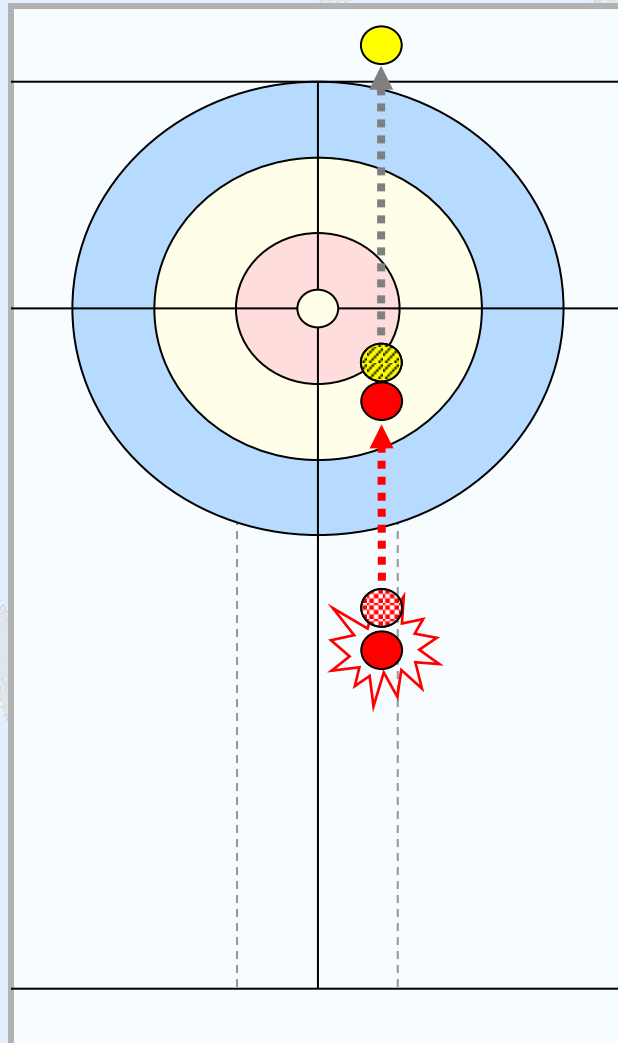
-  Hitting on multiple stones with different colours



Situation before play

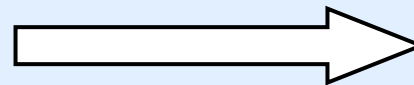


Task - Promotion Take-out (P)



4 Points

 Promoted stone at desired position (e.g. behind the Guard)

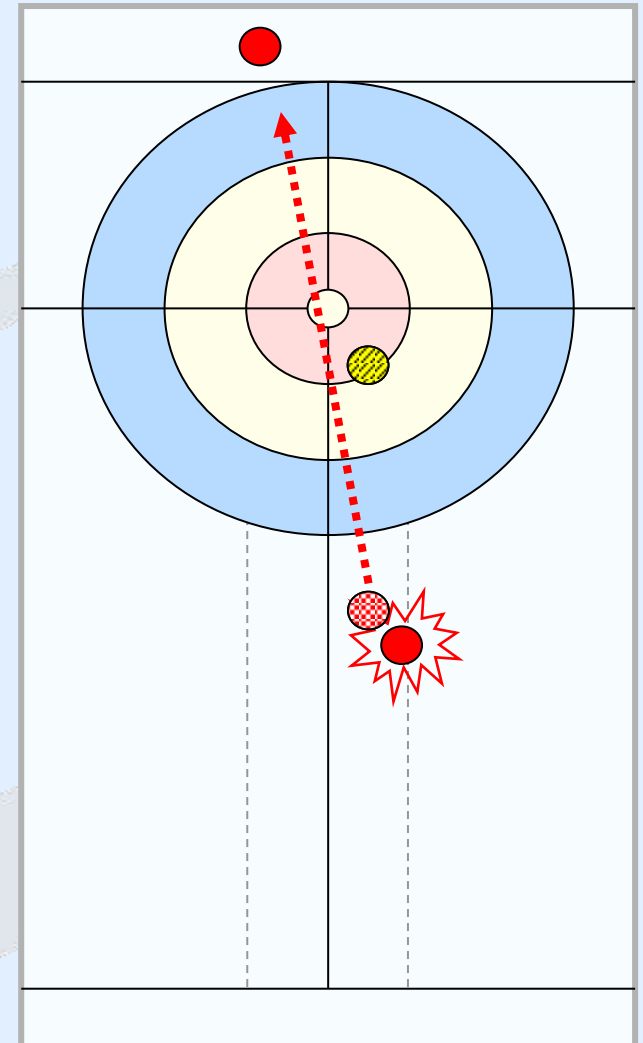


0 Points

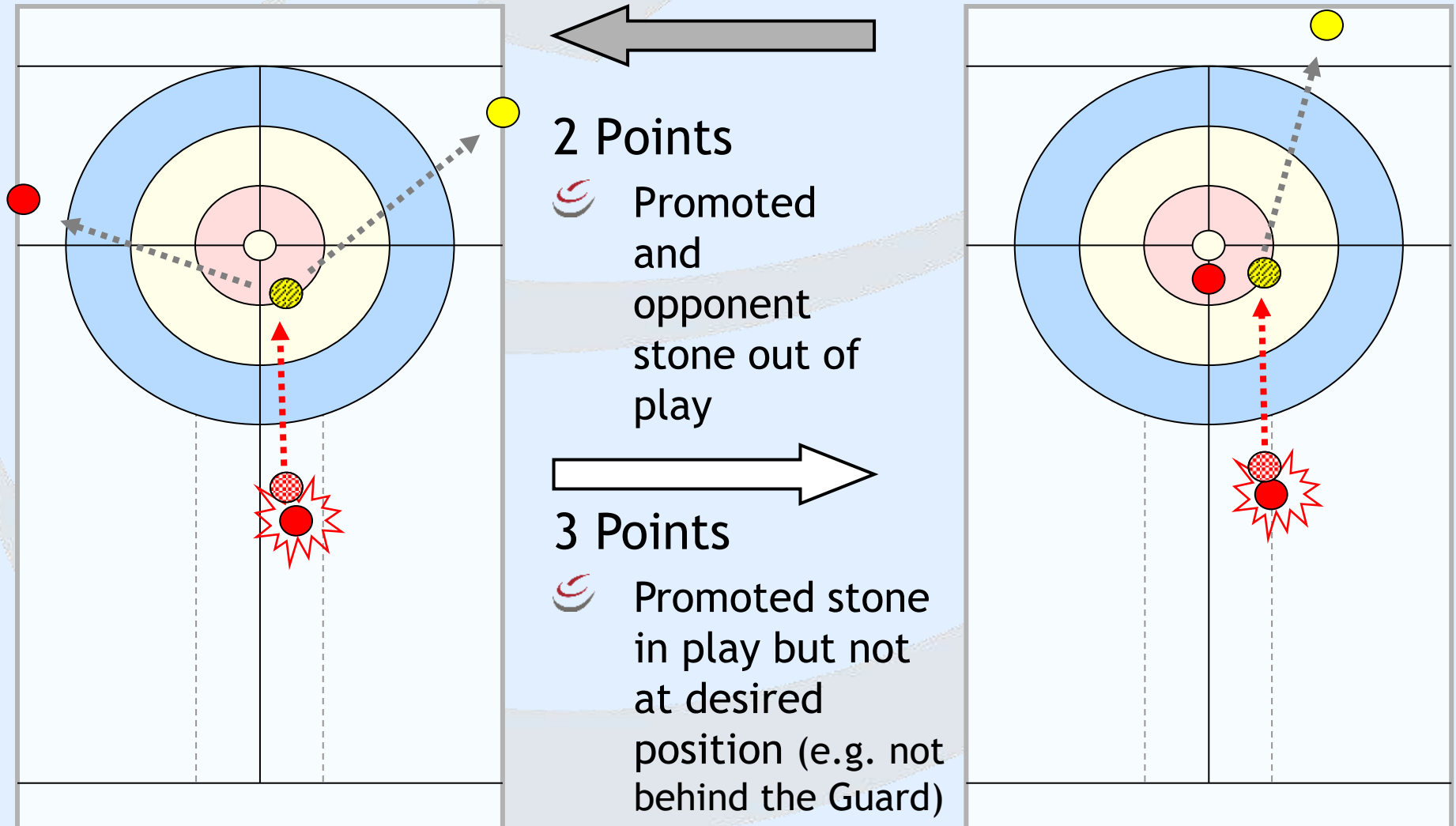
 Complete miss

1 Point

 Slightly Improved situation (e.g. Guard removed)



Task - Promotion Take-out (P)



Special Cases - "Through", "Not considered", "Player's Fault"

"Through"

☞ Shortcut "-"

☞ Characteristics:

- ☞ Playing through **on purpose**
(tactics)
- ☞ Delivering stone with very light weight **on purpose**
(e.g. situation in house cannot be improved)
- ☞ Playing into the bumpers **on purpose**
(e.g. situation in house cannot be improved)

→ In these cases:

- ☞ Task "Through" to be selected
- ☞ "Handle" is not relative and remains blank
- ☞ Points are automatically filled in with "X (not considered)"

Task	through												
	<table><tr><td>Q</td><td>E</td><td>G</td><td>R</td><td>W</td><td>Z</td></tr><tr><td>I</td><td>H</td><td>C</td><td>S</td><td>P</td><td>-></td></tr></table>	Q	E	G	R	W	Z	I	H	C	S	P	->
Q	E	G	R	W	Z								
I	H	C	S	P	->								
Remark													
Handle													
	<table><tr><td>↻</td><td>I</td><td>↻</td><td>Q</td></tr></table>	↻	I	↻	Q								
↻	I	↻	Q										
Points	X (not considered)												
	<table><tr><td>4</td><td>3</td><td>2</td><td>1</td><td>0</td><td>X</td></tr></table>	4	3	2	1	0	X						
4	3	2	1	0	X								
Comment													

Special Cases - "Through", "Not considered", "Player's Fault"

"Not considered"

☞ Task as required

☞ Characteristics:

☞ Running stone touched by the sweepers (burned stone)

☞ Stone picked up debris

→ In these cases:

☞ "Task" and "Handle" remain

☞ "Points" to be selected:

"X (not considered)"

☞ The appropriate comment must be selected from the drop-down list

The screenshot shows a curling scoring interface with the following fields and options:

- Task:** Draw
- Remark:** (empty dropdown)
- Handle:** clockwise (In-turn)
- Points:** X (not considered)
- Comment:** (dropdown menu open showing options)

The comment dropdown menu is open, showing the following options:

- Measurement
- Burned stone
- Picked up debris
- Did not pass the hog line
- Hog line violation
- Free Guard Zone violation
- No-Tick Zone violation
- Stone removal violation
- Delivery violation
- Played out of proper rotation

Red arrows point to "Burned stone" and "Picked up debris" in the comment list.

Below the comment list, there is a section titled "Guidelines for Draw" with the following text:

- 4: In the house
- 3: Not all the way in
- 2: In the house but
- 0: Not in the house

Special Cases - "Through", "Not considered", "Player's Fault"

"Player's Fault"

☞ Task as required

☞ Characteristics:

- ☞ Did not pass the hog line
- ☞ Hog line violation
- ☞ Free Guard Zone violation
- ☞ No-Tick Zone violation
- ☞ Stone removal violation (Mixed Doubles)
- ☞ Delivery violation (equipment, wrong hack)

→ In these cases:

- ☞ "Task" and "Handle" remain
- ☞ "Points" to be selected: "0"
- ☞ The appropriate comment must be selected from the drop-down list

The screenshot shows a curling scoring interface with the following fields and options:

- Task:** Draw (dropdown menu)
- Remark:** (empty dropdown menu)
- Handle:** counter clockwise (Out-turn) (dropdown menu)
- Points:** 0 (0%) (dropdown menu)
- Comment:** (dropdown menu with a list of options: Measurement, Burned stone, Picked up debris, Did not pass the hog line, Hog line violation, Free Guard Zone violation, No-Tick Zone violation, Stone removal violation, Delivery violation, Played out of proper rotation)

Below the Comment dropdown, there is a section titled "Guidelines for Draw" with the following text:

- 4: In the house
- 3: Not all the way to
- 2: In the house but
- 0: Not in the house

Note: Any other misses of a "standard" shot are considered the player's fault (including sweeping mistakes by either the Skip or the sweepers), but no special comment is required.

Special Cases - "Measurement", "Playing out of rotation"

"Measurement"

☞ Task, Handle & Points as required

☞ Characteristics:

When the umpire enters the Field of Play for measure, the comment "Measurement" should be selected.

This could e.g. be in the following cases:

- ☞ Deciding the score of an end
- ☞ Defining if the stone is in the NTZ or FGZ (Points may need to be reconsidered)

"Playing out of rotation"

☞ Characteristics:

When a team plays out of proper rotation, the appropriate comment should be selected, and the actual player should be selected.

Stats Supervisor or Results Office will assist you in such case.

Task: Draw

Remark: [Empty]

Handle: counter clockwise (Out-turn)

Points: 0 (0%)

Comment: [Open dropdown menu]

Comment options:

- Measurement
- Burned stone
- Picked up debris
- Did not pass the hog line
- Hog line violation
- Free Guard Zone violation
- No-Tick Zone violation
- Stone removal violation
- Delivery violation
- Played out of proper rotation

Guidelines for Draw:

- 4: In the house
- 3: Not all the way to the hog line
- 2: In the house but not to the hog line
- 0: Not in the house

Last Stone of an End: Points awarding

Situation: Opponent sits in scoring position with 1 or more stones.
The intention is to get shot and score.

- ☞ **4 Points:**
Stone counts
- ☞ **0 Point:**
Stone does not count
- ☞ **1 Point:**
Stone does not count, but is better than one opponent stone
- ☞ **2 Points:**
Stone does not count, but is better than two or more opponent stones
- ☞ Rule is true for slow and for fast stones



Last Stone of an End: Points awarding

Situation: Opponent stone sits in decent position (can be shot or 2nd), own stones sitting "around".
The intention is to score several points.



4 Points:

Perfect execution, scoring the most possible



0 Point:

Opponent stone still counts (e.g. after a miss) or own play does not change scoring situation



2 Points:

Opponent stone moved out of position so that playing team scored more than before play, but missed the chance of scoring even more points

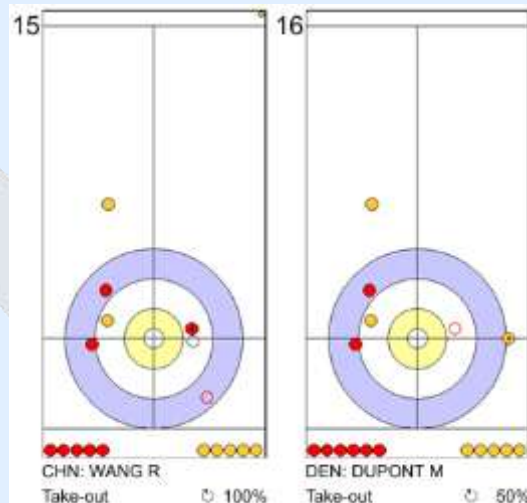


1 Point:

Not used in this situation



The yellow team is sitting 2nd and 3rd back tee line and moves the opponent red stone mid-8-foot out, but does not stay, scoring only 2.
-> 2 points

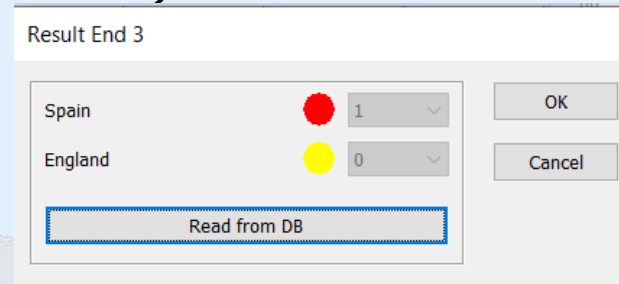


DEN has a chance to score 2, but only scores 1.
-> 2 points

Score Entry - Read Score from Database (use of tablets)

- After the last stone of an end has been entered, a message box pops up:
"Wait until the score is displayed so you can read the result of this end from the database..."

Once you see the umpire typing in the score, click "OK". *If no score is displayed yet, press "Read from DB" to refresh the data.*

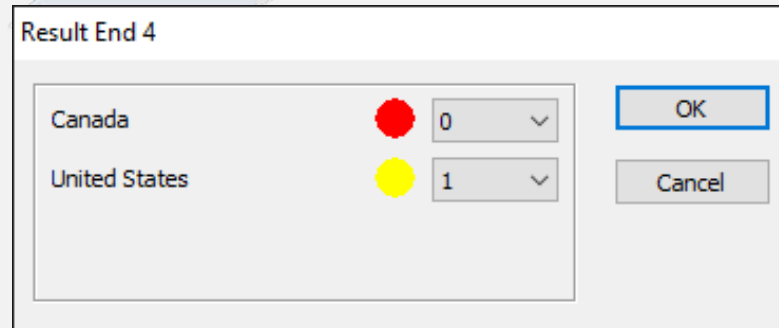


The screenshot shows a dialog box titled "Result End 3". Inside, there are two rows: "Spain" with a red dot icon and a score of 1, and "England" with a yellow dot icon and a score of 0. To the right of these are "OK" and "Cancel" buttons. At the bottom, there is a button labeled "Read from DB" which is highlighted with a blue border.

- Verify that your stone positions match the score. *If not, click Cancel and adjust the stones in the graphics. Click "OK" and the system brings you back to the "score box".*
If you are sure the umpire typed a wrong score, advise the Stats Supervisor/Results Office.
- The system brings you automatically to the next end and to the correct team to start (depending on the score from DB).
Double check if the team starting is the same as you see on the ice.
- The system realises automatically that an Extra End is required if the score is tied after the completion of scheduled ends.

Score Entry - Manual Entry (only exceptional, no tablets)

- After the last stone of an end has been entered, the score box pops up. Enter the score manually and confirm with "OK".



Result End 4	
Canada	 0
United States	 1

- Verify that your stone positions match the score. *If not, click Cancel and adjust the stones in the graphics. Click "OK" and the system brings you back to the "score box".*

If you are sure the umpire hung up a wrong score, advise the Stats Supervisor/Results Office.

- Next end: Make sure you have the correct team starting

- Score correction:

To change score in end x, you need to be in the next end x+1
-> Click icon  in the Stats software and correct.

Advise the Results Office for help or inform when done so.

Time-outs

- ☞ No need to click anything
- ☞ Be ready to see the decision what the team wants to play



Line-up Change during the Game

- ☞ Only possible between the ends
- ☞ The coach needs to enter the new line-up in the CuCoS tablet on the Field of Play, together with the Chief Umpire or Deputy
- ☞ The Stats Supervisor will then come to you and reload the new line-up
- ☞ If you see that a team changed the line-up and it does not match anymore your information in the software, call the Stats Supervisor so the situation can be clarified

End of Game

☞ End of game:

- ☞ The end of game process is a very crucial step and should only be executed by the Stats Supervisor/Results Office
- ☞ If a game ends after the scheduled number of ends, enter the data and graphics for the last stone, click "OK" and call the Stats Supervisor
- ☞ If a team concedes during the end, enter the data and graphics for the last stone played, click "OK" and call the Stats Supervisor. **Do not enter any further stones** which were not played.
- ☞ Once the process is completed and if you are interested, you can watch the stats (during the game, you should not see the stats to be able to judge completely free of any constraints)

Exceptional Situations - System Errors

Errors:

- Report **any** error message immediately to the Results Office and receive instructions
- Use the **Emergency paper**
Start noting the current stone (in the appropriate field) and try to remember also the one before the error happened

EMERGENCY STATISTICS SHEET

End Sheet

Stone 1	Stone 2	Stone 3	Stone 4
Task 	Task 	Task 	Task 
Handle	Handle	Handle	Handle
Points	Points	Points	Points
Stone 5	Stone 6	Stone 7	Stone 8
Task 	Task 	Task 	Task 
Handle	Handle	Handle	Handle
Points	Points	Points	Points
Stone 9	Stone 10	Stone 11	Stone 12
Task 	Task 	Task 	Task 
Handle	Handle	Handle	Handle
Points	Points	Points	Points

Expect the unexpected...



Common Hints - Intention versus Outcome

- ☞ Always put the **intention** as the Task, not the outcome
- ☞ At the very beginning of the game, it is sometimes not clear if the Skip wants the first stone as a "Front" or as a "Draw".
 - ☞ Check the sweeping and reaction of the players. If they seem happy with the outcome, select Task "Draw" or "Front" and give points accordingly.
 - ☞ If the Skip clearly asks for a Front and the stone ends up in the house, judge as "Front" with "0 Points". It is not a "Draw" with "4 Points" as it basically ruins the whole tactics for this end.
- ☞ Defining the Task when the player sits in the hack ready to play makes it easier for you to judge the outcome (as you then know if the outcome met the intention and you can judge based on that).

Common Hints - Freeze versus Draw

- ☞ Most of the time it is a **Draw**
- ☞ Even if the outcome of a "Draw close to another stone" is a nice Freeze, leave the task as a Draw
- ☞ Use Freeze if this is the only chance for the team to stay in the game (typically stone 15)



Common Hints - Take-out versus Clearing

- ☞ If it is not possible to play a Take-out and stay in play, call it a "Clearing"
 - ☞ Note: When the own and opponent stone roll out as it is not possible to hit and stay: It makes a difference if you judge as "Clearing" with "4 Points" (as you should in this case) or as "Take-out" with "2 Points".
- ☞ If the playing team is up, they probably do not care if a Take-out stays or runs out. Call it "Clearing" or "Take-out" depending on the sweeping and give Points accordingly.
- ☞ Obviously, not every hit which stays is a "Take-out" and not every hit which splits is a "Clearing". Always consider the score and possibilities.

Common Hints - Graphics

- ☞ Put all stones as precise as possible, **specially at the beginning of the end**, but do not lose too much time.
You can use <, >, ↑, ↓ keys for small position adjustments
- ☞ It is important to set the shooter correctly (in order to follow online)
- ☞ Setting the stones correctly in the beginning, creates less troubles later in the end (e.g. check if the stone is before or after the tee line, touching the centre line or not, biting the rings or not)
- ☞ The software shows you the main advertisement in the ice as "grey blocks". This should help you by getting the correct relationship regarding distance from the house and/or line (see photo).
- ☞ Do not just add stones from "behind" to change the situation (go back to where you "lost" the stone)
- ☞ If you have to change a stone position, **go back** to where you did set this stone and adjust (the system will change all following stones). See next slide for details.



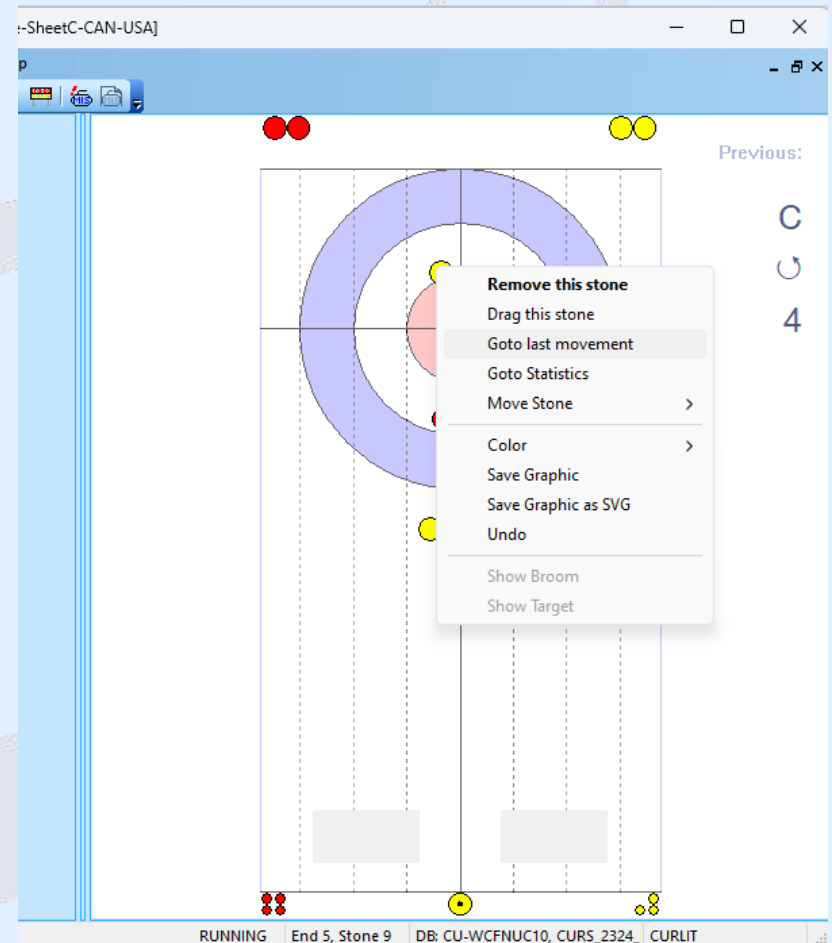
Common Hints - Graphics

When you need to adjust stone positions, it is best to go back to the actual time when the stone was set or moved. You have several options (see below). Once corrected, you can click "OK" and the software adjusts all following graphics accordingly.

Right click on a stone:

- Go to last movement
(when you last moved that stone)
- Go to Statistics
(when the stone was played)
- Undo
(e.g. for hog line violation)

Call your Stats Supervisor when you feel to get lost. Better too early than too late (easier to fix).



Stats Position - Job Profile

☞ Curling Knowledge

- ☞ The higher the level of curling knowledge, the easier it is to judge the situations and understand the tactics
- ☞ It is up to the statistician to understand what the teams play next

☞ Technical Knowledge

- ☞ The CURLIT software is designed as user friendly as possible
- ☞ Being comfortable by operating a notebook with a mouse is vital

☞ Mind Set

- ☞ Ability to focus on a game for 2 to 3 hours
- ☞ Ability of taking decisions
(defining Task, Handle & Points, drawing graphics)
- ☞ Ability of doing stats and graphics in parallel and still watching what is played next on the ice
- ☞ Calm and responsible personality who can handle "stress situations"



Stats Position - Roles & Responsibilities

- ☞ In most competitions there is only the people of the Results Office which can help out (no dedicated Stats Supervisor). They may be further away from you.
- ☞ If you have an urgent matter, please make yourself noticeable
- ☞ If you have more general questions which you could save for later to be discussed, please do so
- ☞ Note: After the session, the Results Office is very busy. If you like to clarify questions which came up during the game, please raise them in a "down time" (e.g. when you see us "less busy" or when you arrive for your next shift, before the preparations start).
- ☞ You may have the luxury of a dedicated Stats Supervisor to ask for advice during the game. Discussions are OK but should not be "endless" since you will lose track of the game. The word of the Stats Supervisor is final. Longer discussions about a topic can be held after the game.

Stats Position - Equipment & Shifts

☞ Helpful Tools

- ☞ Binoculars
- ☞ Mobile phone to take a picture of the house situation (e.g. many stones moved after a shot)
- ☞ Blanket (depending on the temperature in the venue)



☞ Work Shift

- ☞ Check your stats schedule and ensure you allow enough time for volunteer check-in before your shift
- ☞ Be at your stats position the **latest 15min before the game starts**
- ☞ Be aware that we have media and TV around our workspace. Be quiet and do not "jump around" (platform). Watch the cabling.
- ☞ If the circumstances allow (space on stats bench, volunteer availability), teaming up for the first session is beneficial: 4 eyes see more than 2.



☞ Personal

- ☞ If you bring drinks, please in closed containers
- ☞ Enjoy your food at home or in the break
- ☞ Put mobile to silent, use as "work tool" only





Thank you & Good Curling!

