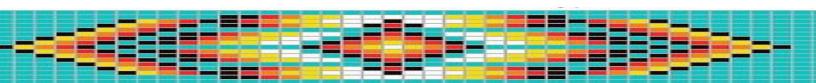




## Executive Functions of Indigenous Games In Games of Intuition

| EF                           | GAMES  | EXAMPLE   |
|------------------------------|--|---|
| Inhibition                   | Hand/Stick Game, Rock in the Fist, Sticks in the Fist, Sticks in the Fist. | Successful choices in the Hand game, Rock in<br>the Fist and Sticks in the Fist all require<br>learning patience and reasoning before making<br>decisions; inhibition of impulsive responses.   |
| Shifting                     | Hand/Stick Game, Rock in the Fist, Sticks in the Fist, Sticks in the Fist. | Games of Intuition, such as the Hand game<br>require shifting attention to a new round of<br>intuiting body language. Shifting attention to<br>hand changes are necessary with Rock in the<br>Fist. Guessers are required to Shift their<br>attention to one less stick and observe<br>remaining sticks with each new round in Sticks<br>in the Fist. |
| Working<br>Memory            | Hand/Stick Game, Rock in the Fist, Sticks in the Fist                      | Remembering signs of body language with the<br>intent for players to deceive the guesser are<br>necessary for the Hand game and Rock in the<br>Fist. To succeed at Sticks in the Fist, the<br>guesser needs continued awareness of the<br>stick dimensions to guess the marked stick last.  |
| Planning                     | Hand/Stick Game, Rock in the Fist, Sticks in the Fist,                     | The Hand game and Rock in the Fist requires<br>careful planning of deception for the<br>opponents. The guesser in Sticks in the Fist<br>needs to plan responses according to the<br>previous choice and outcome.  |
| Emotional<br>Control         | Hand/Stick Game, Rock in the Fist, Sticks in the Fist,                     | All loses in games must be met with respect<br>without expressing selfishness or<br>dissatisfaction with the outcomes of the<br>games.  |
| Monitoring                   | Hand/Stick Game, Rock in the Fist, Sticks in the Fist, Sticks in the Fist. | The Hand game and Rock in the Fist requires<br>careful monitoring of body language and<br>changes in deceptive tactics. Sticks in the Fist<br>requires monitoring of the sticks appearances<br>and which one to avoid choosing.   |
| Organization<br>of Materials | Hand/Stick Game, Rock in the Fist, Sticks in the Fist, Sticks in the Fist. | The Hand game materials of one plain bone<br>and one marked bone for each team. Sticks are<br>divided. In Rock in the Fist, sticks are arranged<br>between players with the hider taking the<br>rock. Sticks in the fist requires the holder to<br>assemble all ten sticks in their hands with the<br>marked end facing downward and hidden.          |





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|------------|--------------------------|--|----|
| Initiation | All Indigenous Games     | Initiation of games with different groups      |    |
|            |                          | (tribes) to learn different rules of different |    |
|            |                          | societies.                                     |    |

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