OCS-Plus Figure Scoring
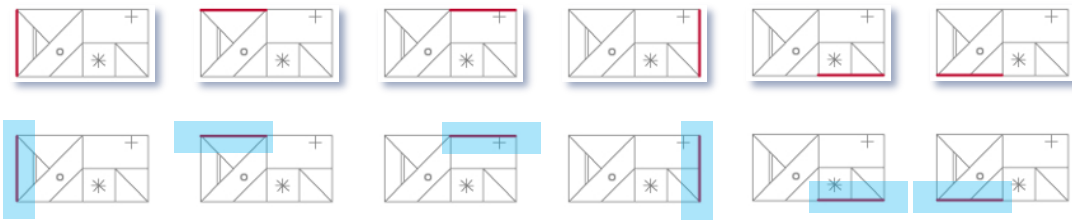
1. Overall:
   The scoring should aim to quantify the ability to copy, retain and reproduce the elements of the template drawing. The scoring should not penalize lack of drawing proficiency – the scorer should judge the intention of the action, allowing for reasonable deviations from the template drawing due to lack of drawing proficiency.

2. The template figure contains 20 individual components divided in: a container component, divider components and details components.

3. Each component is judged for PRESENCE, ACCURACY and POSITION

4. **PRESENCE** is marked if a recognisable component is present **anywhere** in the drawing.

5. **ACCURACY** is marked if a component is drawn with reasonable accuracy as expected from a person with typical drawing ability. Reasonable allowances have to be made for the use of stylus on the relatively slippery tablet surface, like slightly inaccurate line joining, as well as obvious attempts to correct such inaccuracies – for example, doubling up the line to straighten it up, or correct the joining of two or more lines.

6. **POSITION** is marked if the position of the component relative to its closest neighbours is correct.

7. As much as possible, each element and each accuracy and position should be scored independently. However, it is important to avoid double-penalising, such that if the accuracy/position of one element leads to another element not lining up, then the latter element should not be scored down.
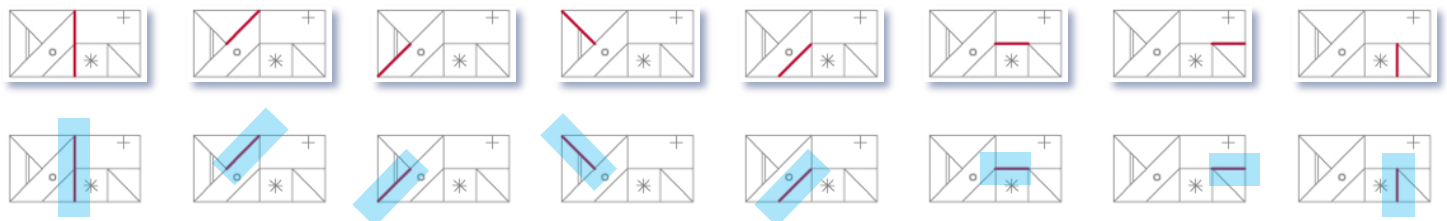
Container component

The container components are lines defining the edges of the enclosing rectangle.

IF no container component is present in the entire drawing, assume the individual used the bounds of the drawing area as the container, and therefore award the full 18 marks for the container components to favour the participant not penalize them.

ACCURACY criteria: The lines should be reasonably straight, and they should join cleanly at 90º angles. As stated in the general guidelines section, reasonable allowances should be made for slight inaccuracies that can be attributed to lack of drawing proficiency or stylus slippage.

POSITION criteria: The lines should be in the same position relative to their nearest neighbours as in the template drawing and within the blue bounds.
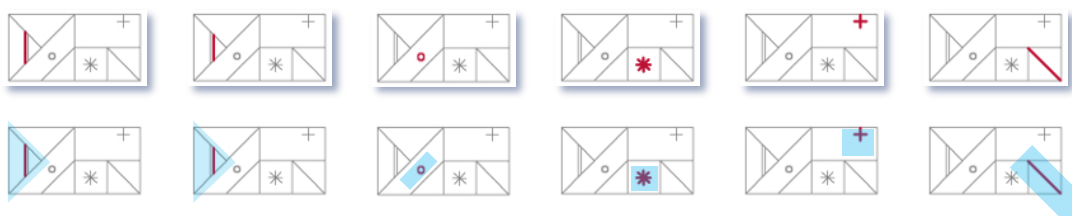
Divider components

The divider components are lines that create partitions of the container component.

ACCURACY criteria: The lines should be reasonably straight, and they should join cleanly at the angles in the template drawing. As stated in the general guidelines section, reasonable allowances should be made for slight inaccuracies that can be attributed to lack of drawing proficiency or stylus slippage.

POSITION criteria: The lines should be in the same position relative to their nearest neighbours as in the template drawing. In addition, they should partition the container and its sub-partitions in proportions similar to the ones in the template drawing and within the blue bounds.

Details components

Details components are distinct features inside partitions of the container component.

ACCURACY criteria: The shapes should be similar to the ones in the template drawing, even if diagonal is flipped, clearly recognizable and accurate.

POSITION criteria: The shapes should be in the same position and orientation as in the template drawing and within the blue bounds, so no position point if diagonal detail is flipped.

Translational Neuropsychology Research Group www.ocs-test.org/ocsplus or www.demeyerelab.org

OCS-Plus Figure drawing record form

Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3
Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3
Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3
Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3	Presence ☐ Position ☐ Accuracy ☐ Score: ___/ 3

TOTAL SCORE: COPY = _____ (Impaired if below 53)   RECALL = _____ (impaired if below 32)