|   | 1     | . Gr | roup   | o wo  | ork –   | bas  | sic d   | esig   | n so   | lutio  | on –  | ove   | ralls | shaj  | be     |       |      |         |    |  | ÷ |   | - |   | +     | * | + | * |   |   |   |   |     | •   |    |  |
|---|-------|------|--------|-------|---------|------|---------|--------|--------|--------|-------|-------|-------|-------|--------|-------|------|---------|----|--|---|---|---|---|-------|---|---|---|---|---|---|---|-----|-----|----|--|
| As a  | groi  | b au | liscus | ss po | ssibl   | e wa | avs o   | of ass | embl   | ling t | he p  | ieces | . Exp | perim | nent i | with  | the  | piece   | 25 |  |   |   | - | _ |       |   |   |   |   |   |   | + |     | · . |    |  |
| As a group discuss possible ways of assembling the pieces. Experiment with the pieces provided to explore different ways of arranging them to arrive at your design. Now as a group share and discuss the design ideas/suggestions you have . |       |      |        |       |         |      |         |        |        |        |       |       |       |       |        |       |      |         |    |  | + | 1 |   |   |       |   |   |   |   |   |   |   |     |     |    |  |
|   |       |      |        |       |         |      |         | +      |        |        |       |       |       |       |        |       |      |         |    |  | + | , | 1 |   |       |   |   |   |   |   |   |   |     |     |    |  |
| 5,001   | 5 511 | are  | ana    | 41500 | 155 611 |      |         | iucu.  | 5/ 508 | 6000   |       | joun  | are.  | •     |        |       |      |         |    |  | + |   |   |   |       | + |   | + |   | - |   |   |     | +   |    |  |
| Use the following prompt questions to guide your discussion.<br>How might we position or arrange the given timber to get the best possible solution to<br>the problem?  |       |      |        |       |         |      |         |        |        |        |       |       | +     |       | +      |       |      |         |    |  |   |   | 1 |   |       |   |   |   |   |   |   |   |     |     |    |  |
|   |       |      |        |       |         |      |         |        |        |        |       |       |       | *     |        | *     |      |         |    |  |   | * |   |   |       |   |   |   |   |   |   |   |     |     |    |  |
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| ne p  | rop   | iem  | ſ      |       |         |      |         |        |        |        |       |       |       |       |        |       |      |         |    |  |   |   | - |   |       |   |   |   |   |   |   |   |     | ·   |    |  |
| <b>Reflection Point:</b><br>What have you discovered from your research of sailing boats/rafts/craft? How will you  |       |      |        |       |         |      |         |        |        |        |       |       |       |       |        |       |      |         |    |  | + | I |   |   |       |   |   |   |   |   |   |   |     |     |    |  |
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| ise t   | his i | nfor | rmati  | ion t | o hel   | р уо | ou in o | creat  | ing tl | he de  | esign | solut | ion?  |       |        |       |      |         |    |  |   |   |   |   |       |   |   |   |   |   |   |   | +   |     | 1  |  |
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|   |       |      |        |       |         |      |         |        |        |        |       |       |       |       |        |       |      |         |    |  |   |   |   |   |       |   |   |   |   |   |   |   | *   |     |    |  |
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