

Sly Slider



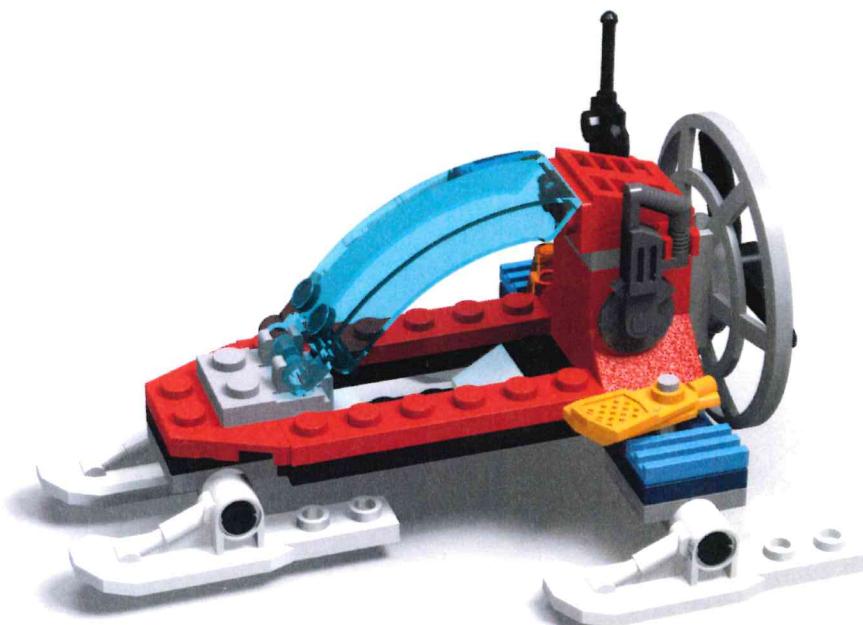
Gliderlinski



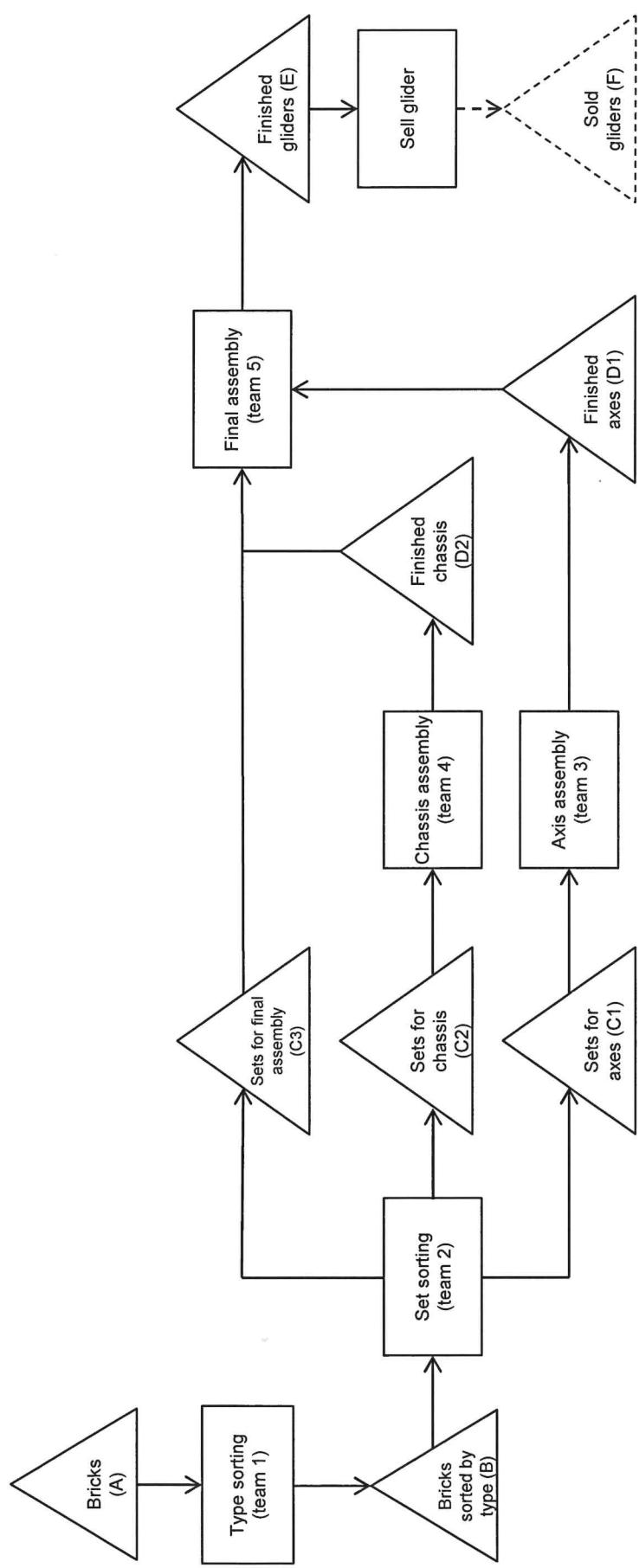
Icky Ice Glider



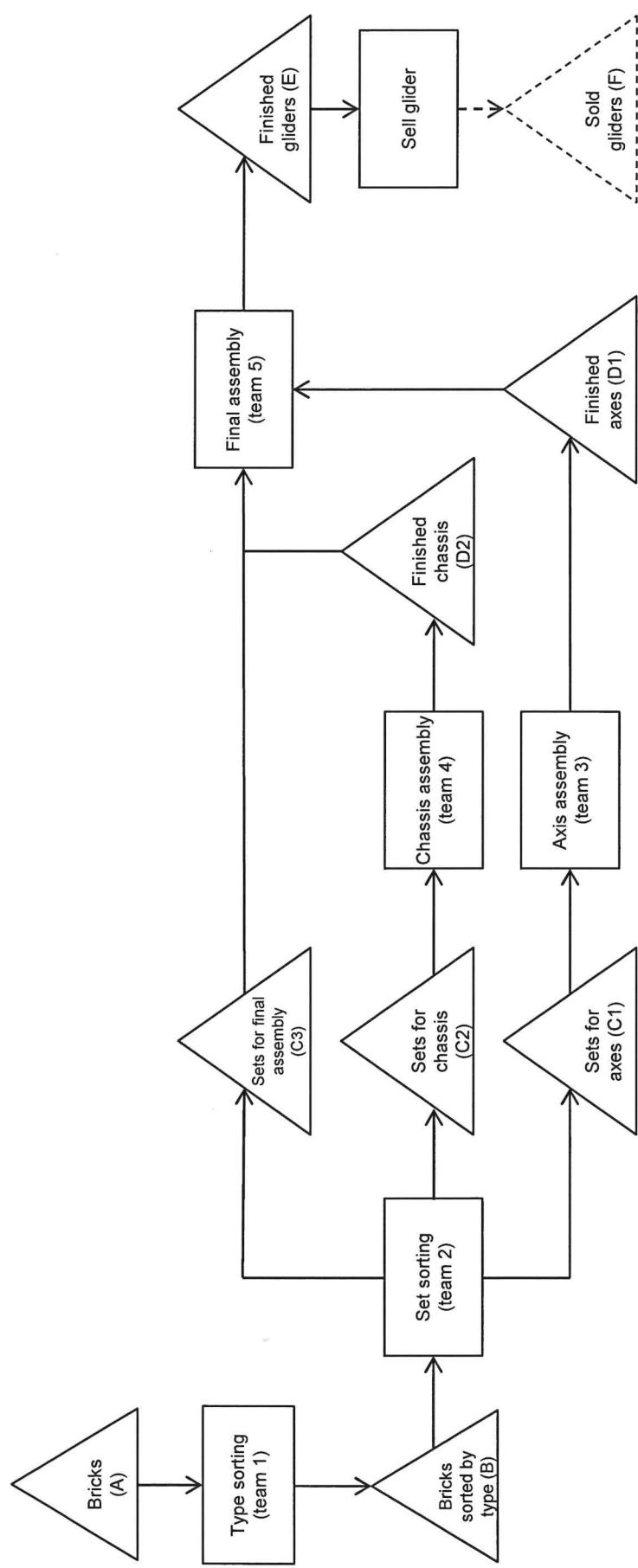
Icomat 2000X



Iteration 1: Conventional Production Process

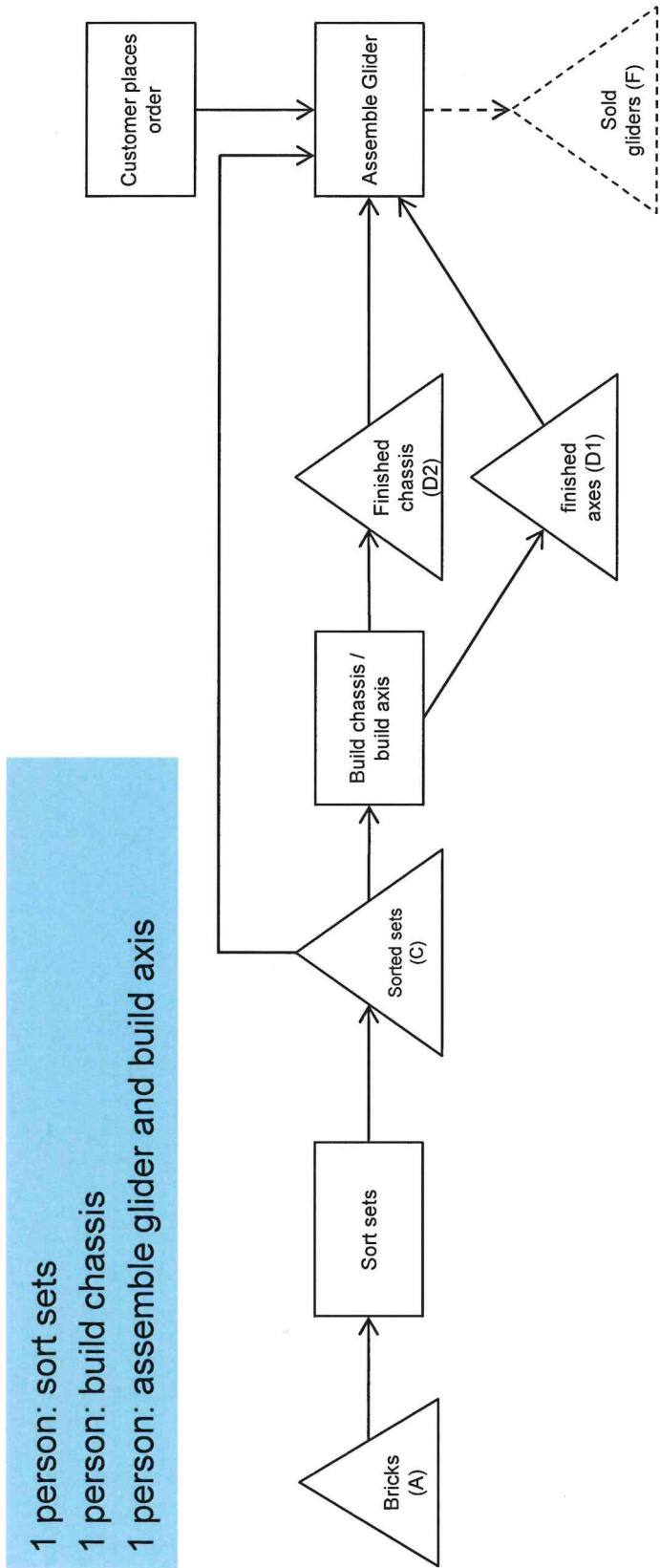


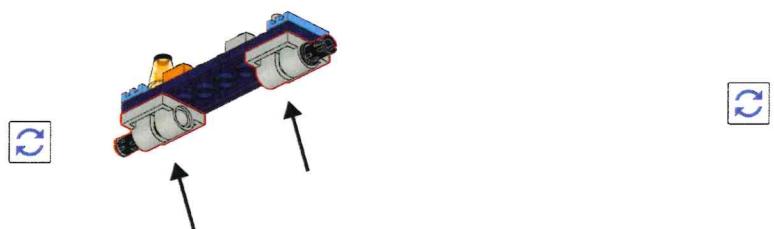
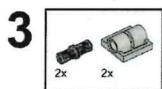
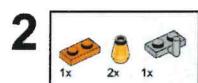
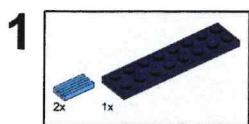
Iteration 2: Pull with Kanban



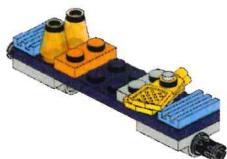
Iteration 3: Manufacturing Cells

- 1 person: sort sets
- 1 person: build chassis
- 1 person: assemble glider and build axis

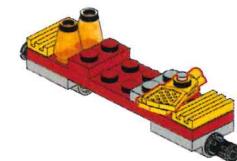
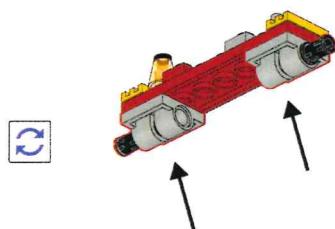
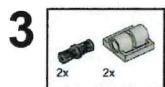
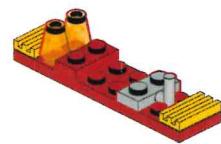
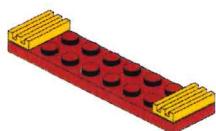
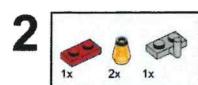
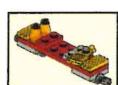
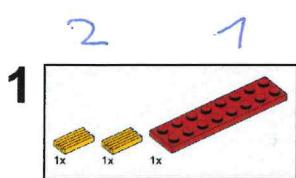




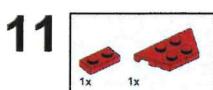
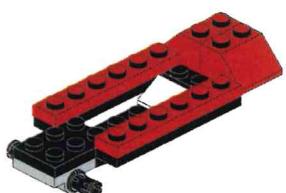
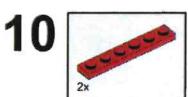
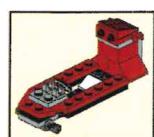
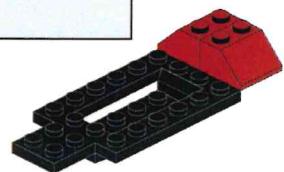
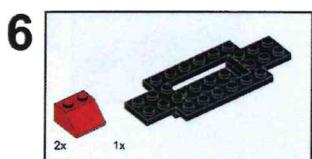
5



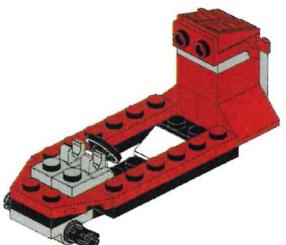
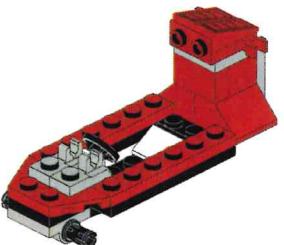
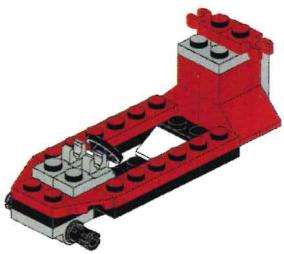
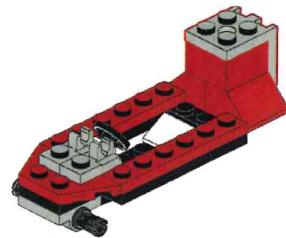
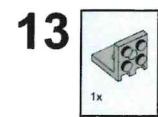
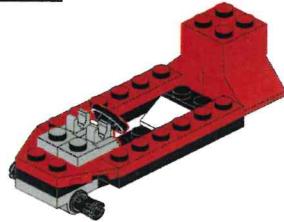
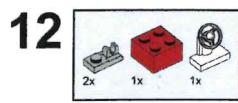
Axis for
Sly Slider
2
Iconmat 2000x

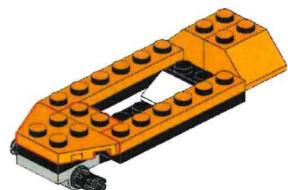
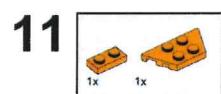
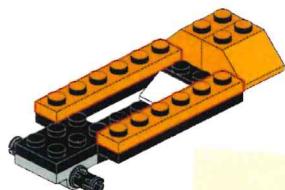
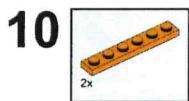
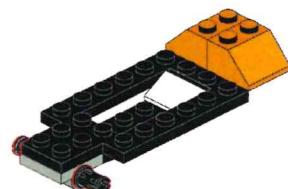
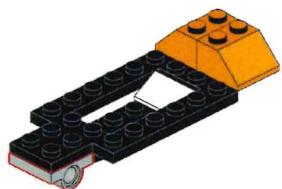
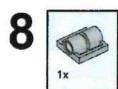
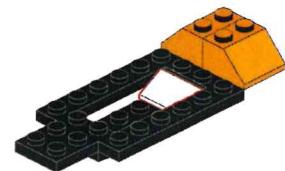
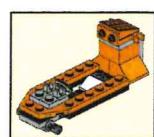
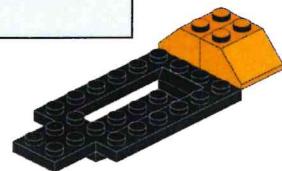
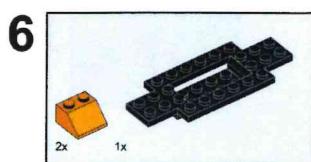


Axle for
Gliderinski
Icky Ice Glider

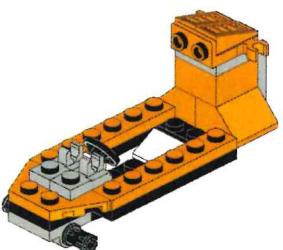
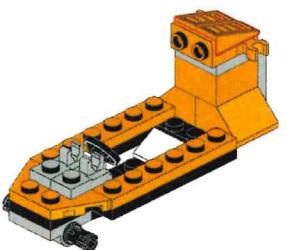
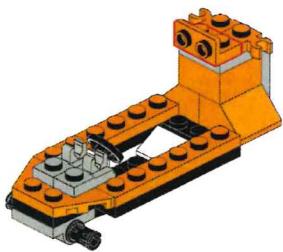
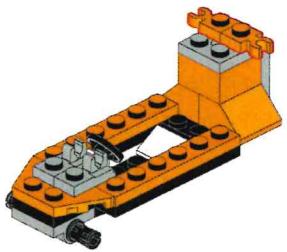
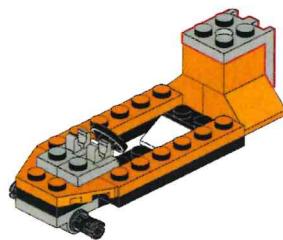
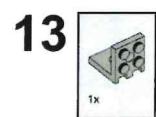
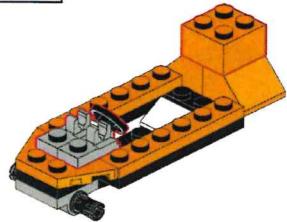
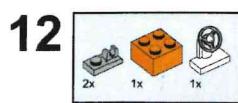


Chassis for
Icky Tee Slider
J
1comat 2000 x





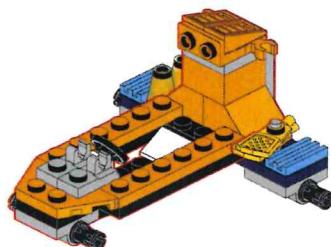
Chassis
for
Gliderino's
Sly Slider



Final Assembly
- Sly Slider

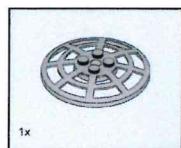
18

Sly Slider

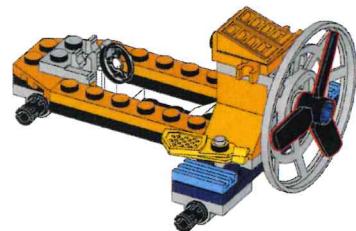
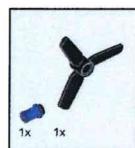


Connect main part with rear axis

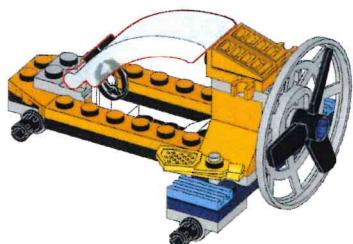
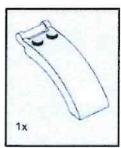
19



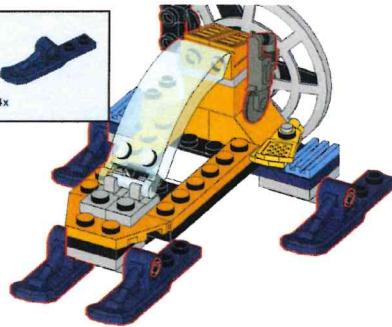
20



21



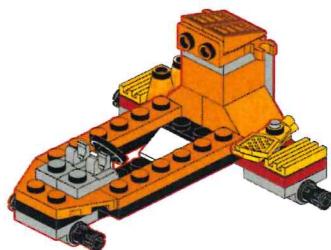
22



Final Assembly
- Gliderlinski

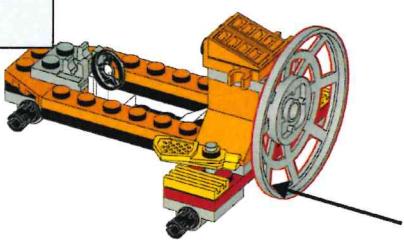
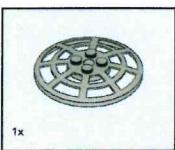
18

Gliderlinski

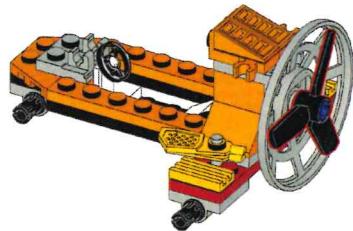
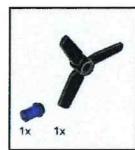


Connect main part with rear axis

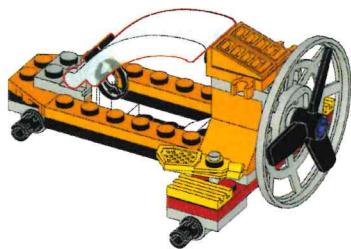
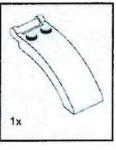
19



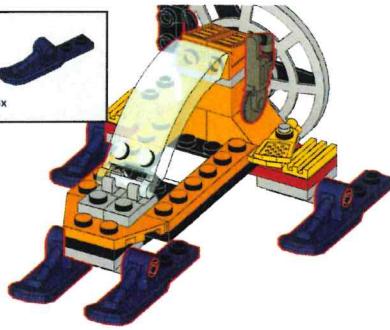
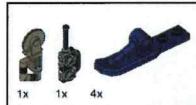
20



21



22

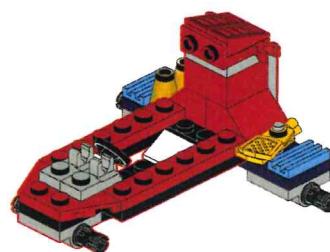


*Final
Assembly*

- Icomat 2000X

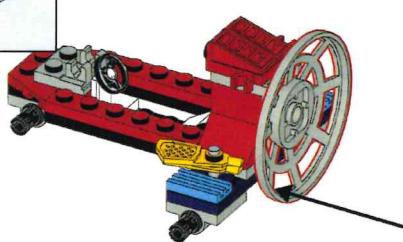
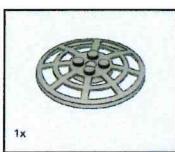
Icomat 2000X

18

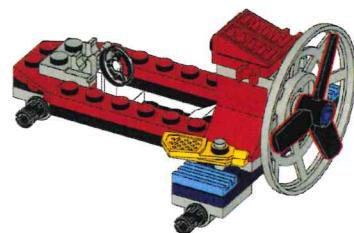
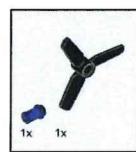


Connect main part with rear axis

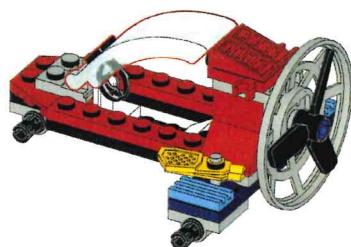
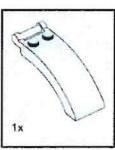
19



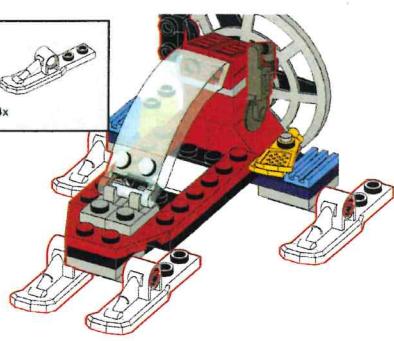
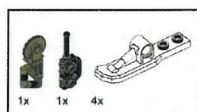
20



21



22



20%

Final
Assembly
- Icky Ice

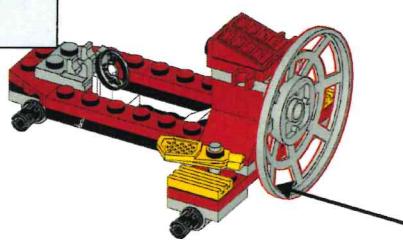
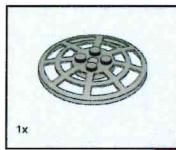
18

Icky Ice Glider

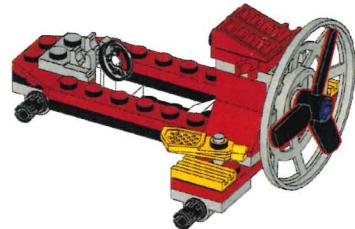


↑
Connect main part with rear axis

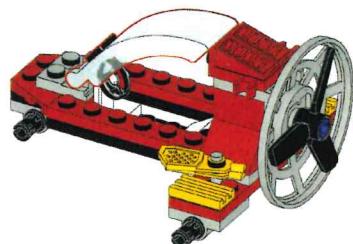
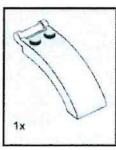
19



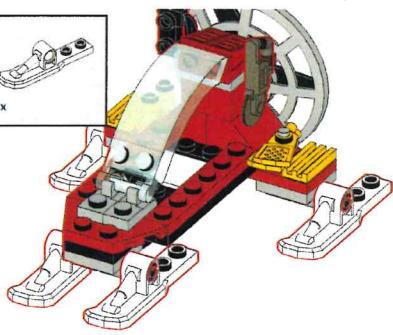
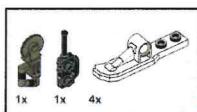
20



21



22



Team 1

1. Walk to warehouse A
2. Grab a handful of Lego bricks
3. Take the bricks to your table
4. Sort them by brick type
5. Store the sorted bricks in
warehouse B

Work Bench: B

Be as

Remember

on you

Team 2

1. Decide for axis, chassis, or final
2. Walk to inventory B
3. Grab the bricks related to the part you chose before
4. Take complete sets of bricks and move them to warehouse C1, C2, or C3, respectively
5. Repeat

Provide all ice
glider
materials list

**Be as productive as
Remember that you
on you!**

Work Bench : B

Team 3 “Axis”

1. Walk to warehouse C1
2. Take 1 set of bricks
3. Assemble an axis
4. Place finished axis in warehouse D1
5. Repeat

Be as productive
Remember to
on you!

Work Benches C1

Provide axis assembly
list

Team 4 “Chassis”

1. Walk to warehouse C2
2. Take 1 set of bricks
3. Assemble a chassis
4. Place finished chassis in
warehouse D2
5. Repeat

Be as productive as you can!
Remember that your performance
depends on you!

Work Bench: C2

Provide chassis assembly
list sheet

Team 5 "Assembly"

1. Walk to warehouse D1
2. Grab one axis
3. Walk to warehouse D2
4. Grab one chassis
5. Assembly both
6. Go to warehouse C3
7. Grab a set of pieces
8. Finish assembly
9. Place finished glider in warehouse E
10. Repeat

**Be as productive as you
depends on you!**

Work Bench : C3

Provide Final assembly
instructions

Raw Material

**Consignment Stock Warehouse
owned by Vendor**

A

**Sorted
Pieces**

m

Sorted Sets Axes

Ω

Sorped Sets Chassis

C2

Finished Axes

D1

**Finished
Chassis**

D2

**Finished
Gilders**

m

Solid
Gilders

ל

Sly Slider

Axis production



Chassis production



Final assembly

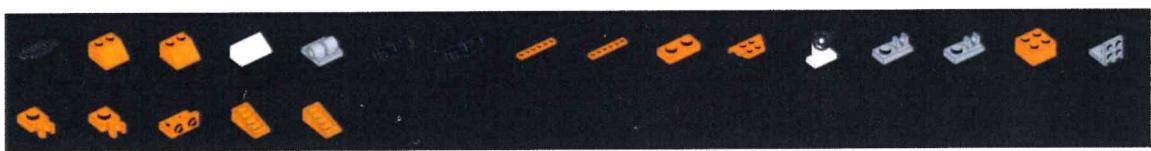


Gliderlinski

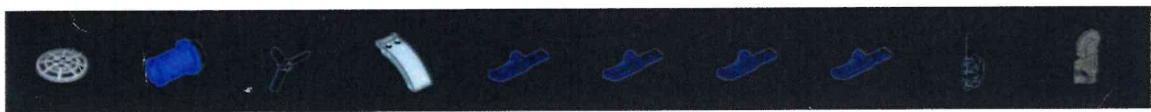
Axis production



Chassis production



Final assembly



Lucky Ice Glider

Axis production



Chassis production



Final assembly

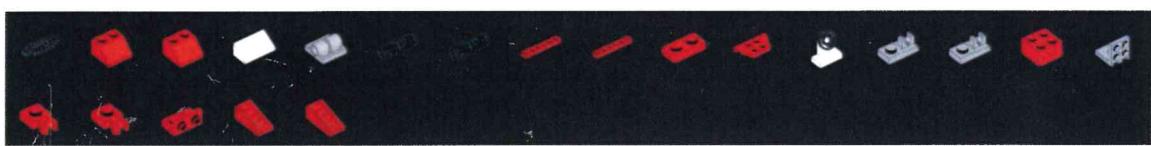


Icomat 2000X

Axis production



Chassis production



Final assembly

