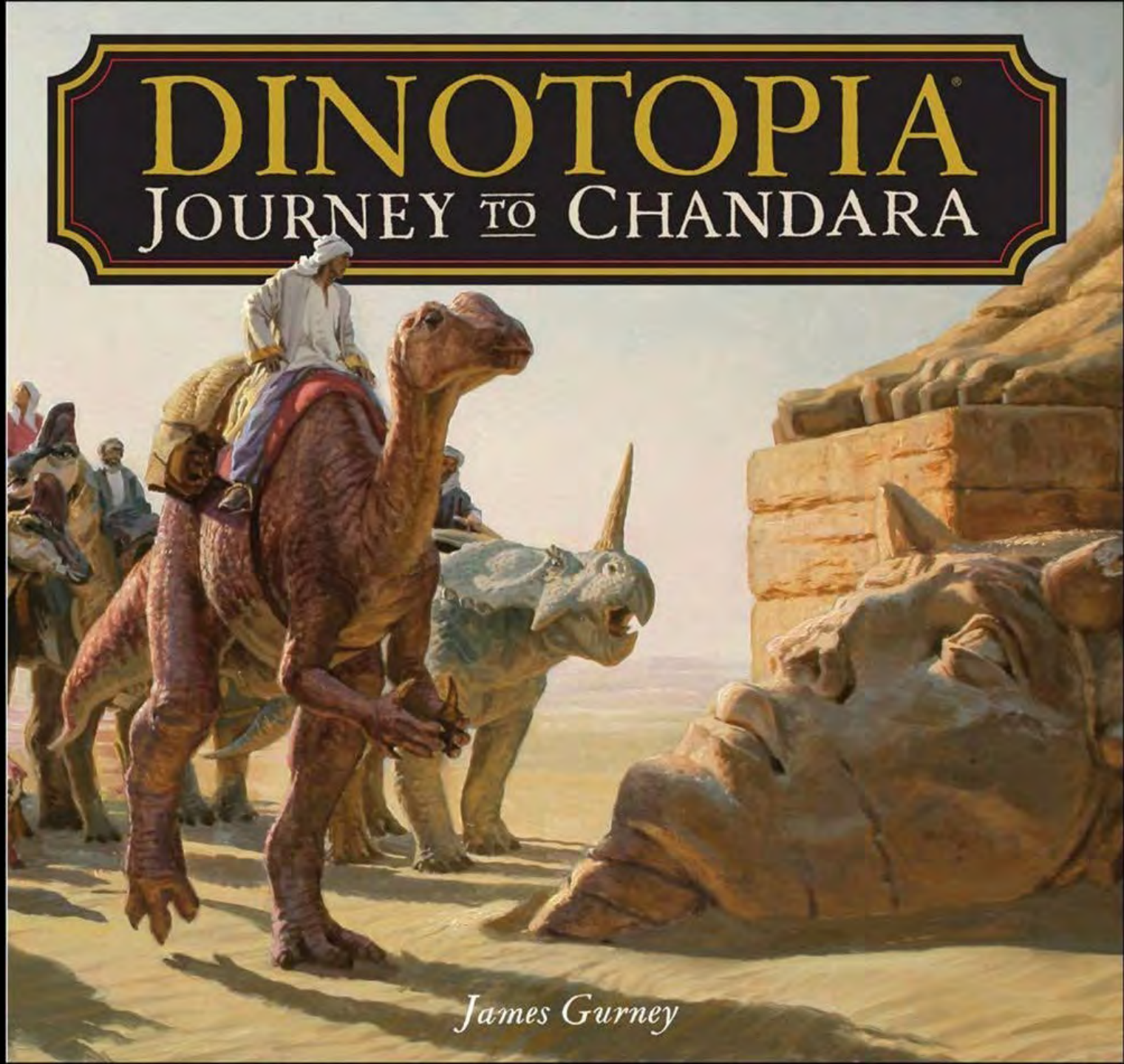
CREATING REFERENCE MODELS

James Gurney

Creating photo reference when the subject does not exist in real life.



James Gurney

The Take-Down

Thumbnails

Wire Frame Maquette

Rough Sculpt

Lighting Photo Reference

The Sketch

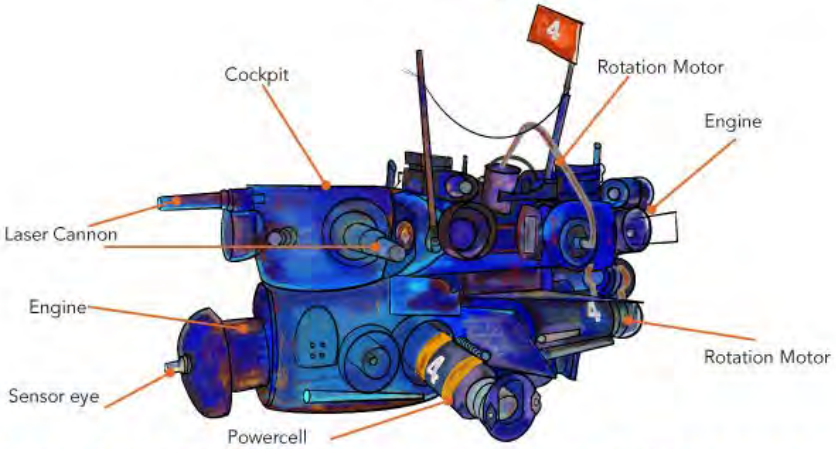
GURNEY

Scratch Bashing (Kit Bashing)

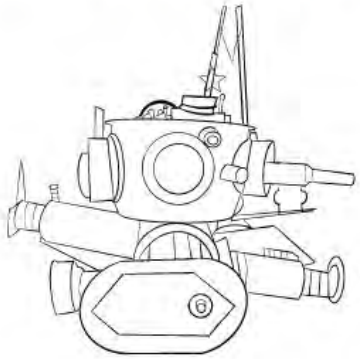
Andromeda

Andromeda

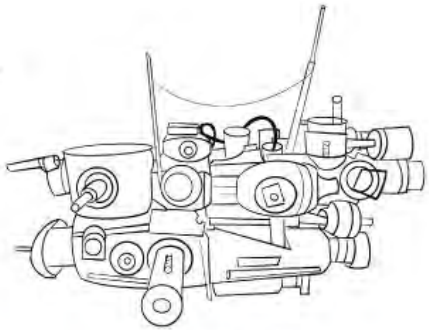
Andromeda was developed for use by the Imperial BASS 5 Forces. The cockpit controls are located inside and are of standard use and are generally occupied by a single warrior such as Oni. Andromeda can operate not only in standard planetary environments, but also underwater and even through space.



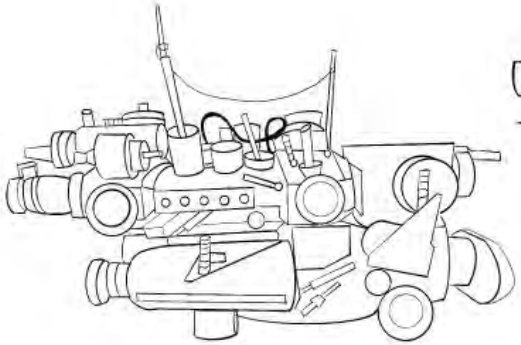
Andromeda sketches



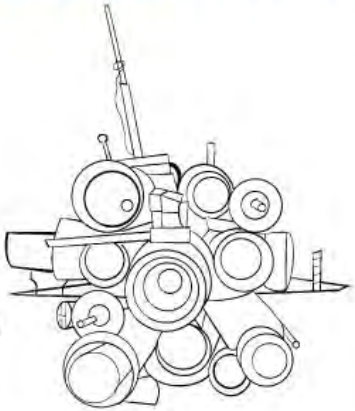
Front view



Left view



Right view



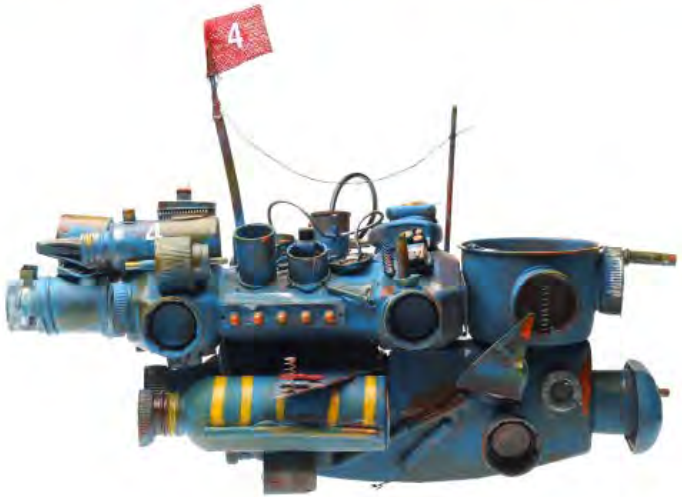
Back view

Andromeda prototype

Side view

Front view

Left view



Right view

Back view

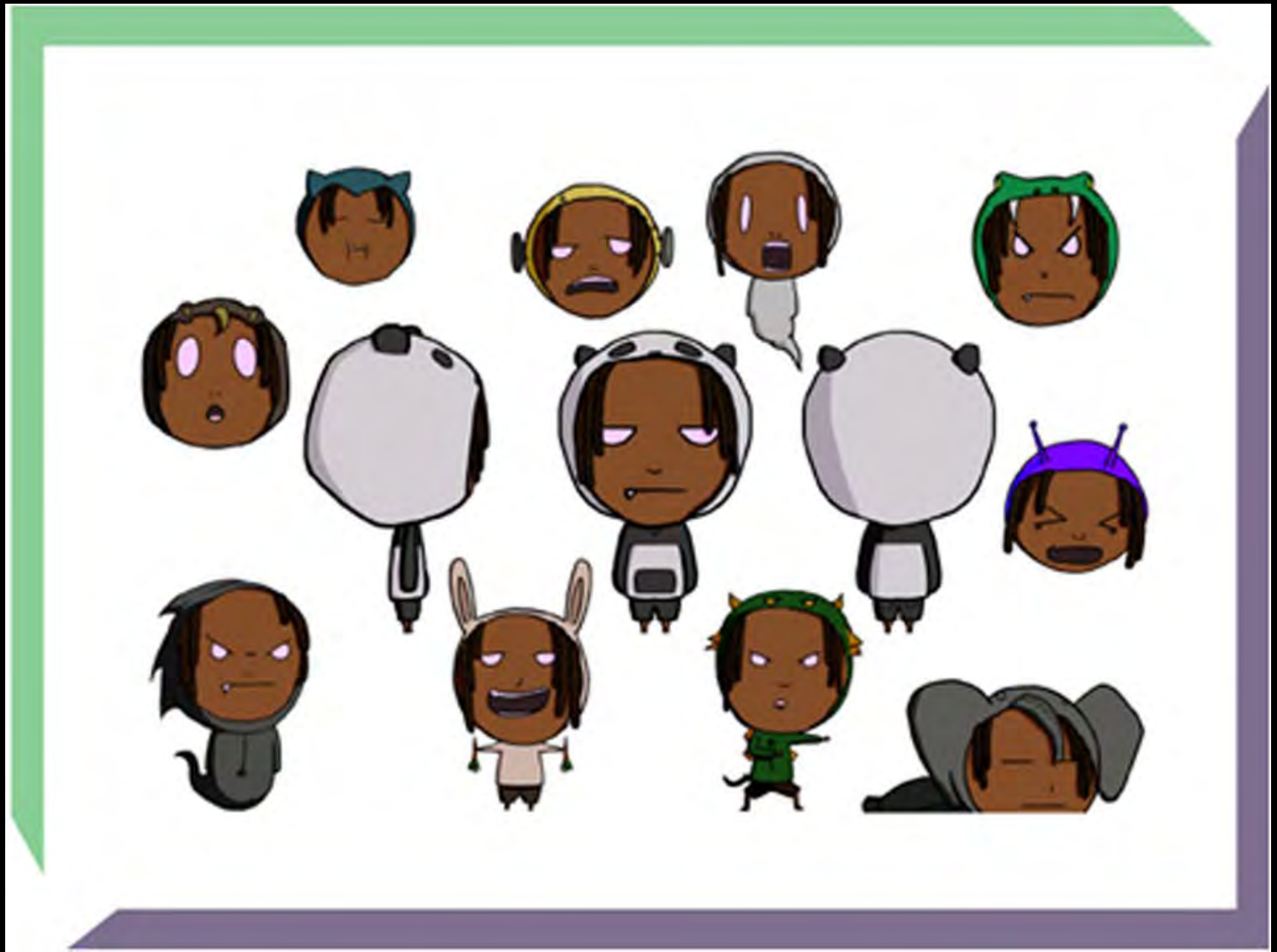
Side view

Creation of the Andromeda ship with disposable products.

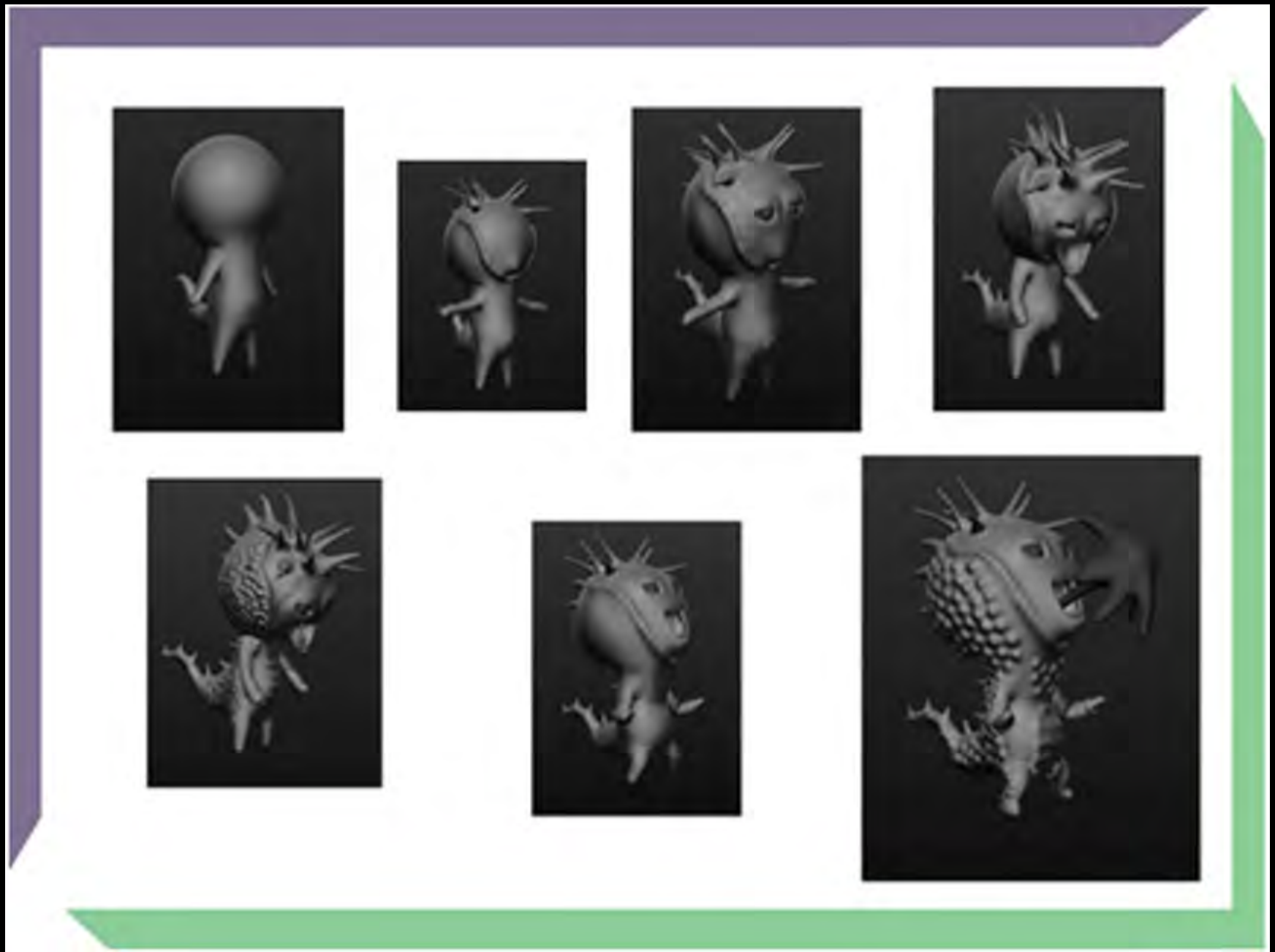
Assembled and glued.

Paint, primer and color.

Digital Sculpture.



Digital Sculpture.



Paolo Rivera for Marvel Comics .

When faced with a complex scene, I often find it helpful to draw a crude plan of the setting from above, complete with notes and directions for the major players.

In this case, I had to match a scene from *Amazing Spider-Man Annual #21*, in which Electro and his gang have just been caught by the police.

Amazing Spider-Man #638, Page 12.
2009. Ink on Marvel board, 11 × 17.25”.

Paolo Rivera

To be completely honest, I probably didn't need this level of accuracy since it's doubtful that anyone would take the time to compare the sequences.

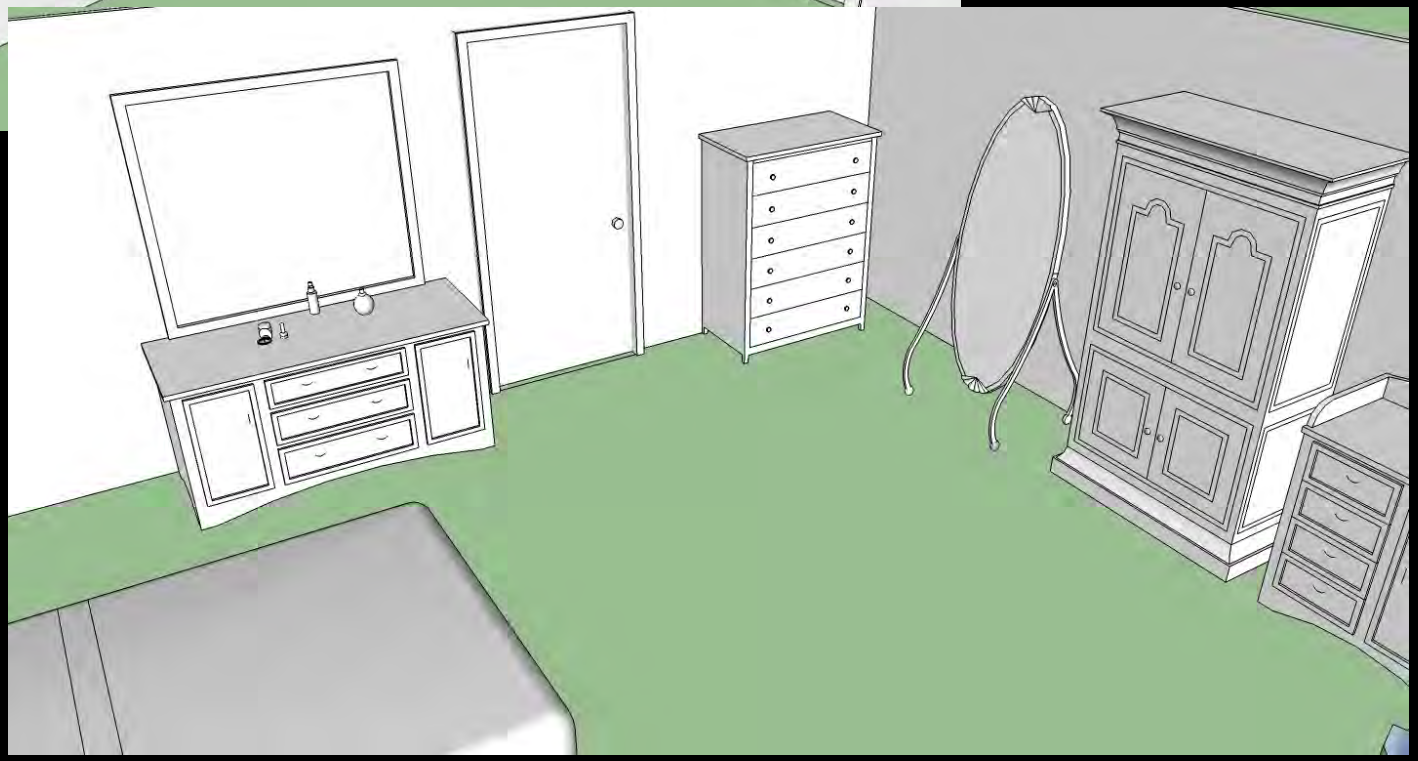
Nevertheless, I not only drew the plan, but created a 3D scene in **Sketchup** using existing models.

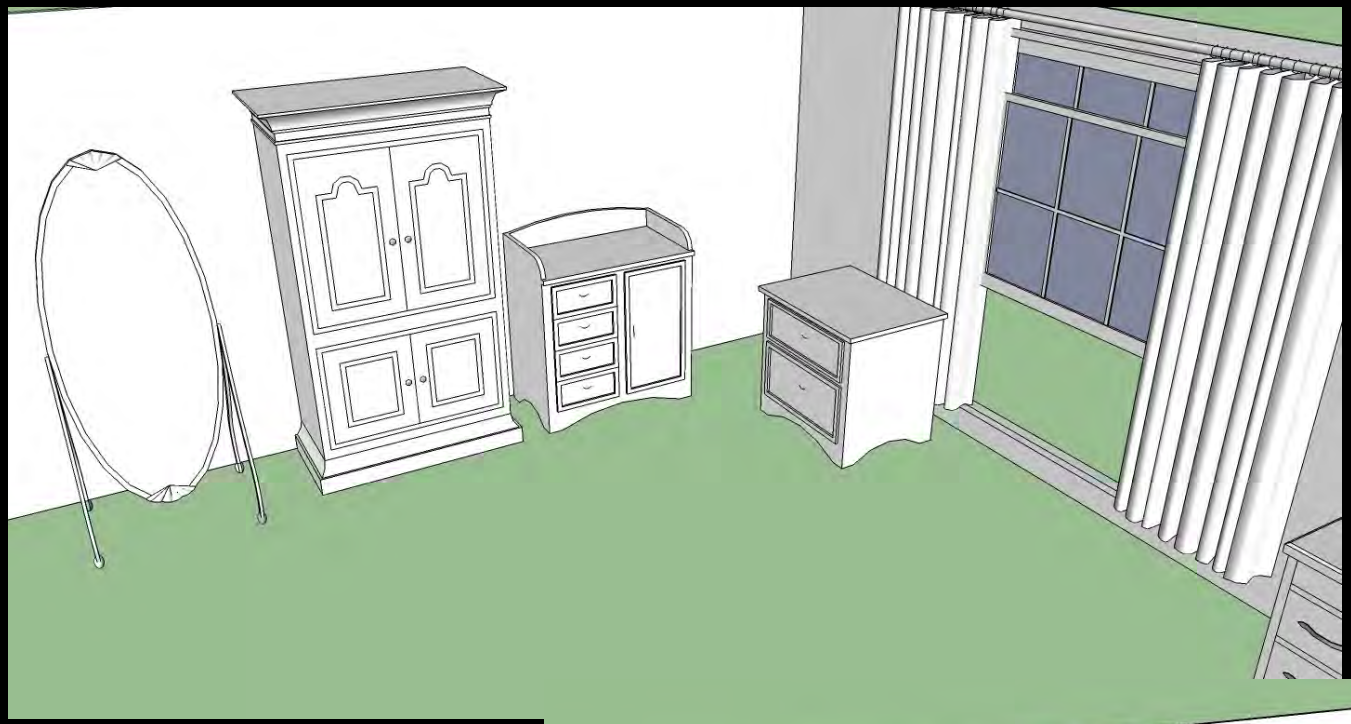
Paolo Rivera

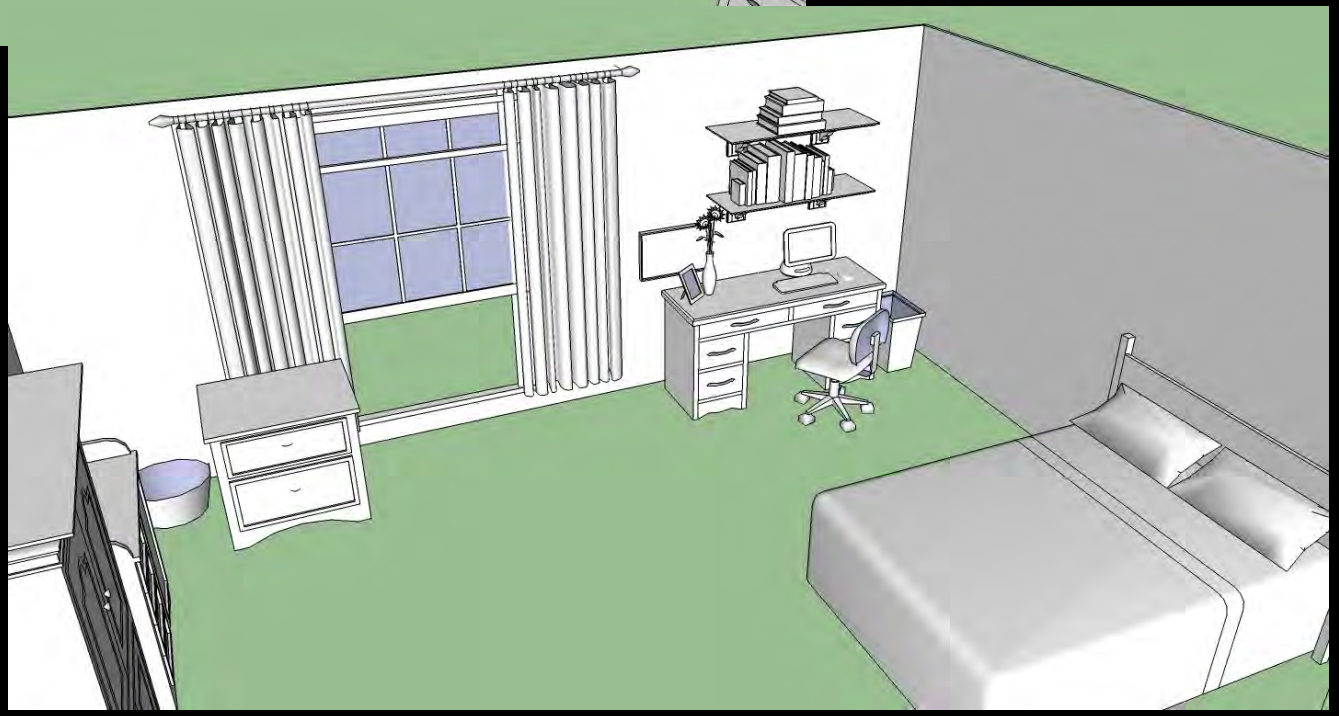
While not all the details from the issue matched up exactly, I did my best to arrange them in a similar manner.

Google SketchUp

You can use Google SketchUp to make a 3D model for reference.







Posing APPS

Character turnaround and expressions

Posing APPS

3D model pose references
Material Source: magicposer.com

Magic Poser

Hand Poser

Palm
Thumb
Index
Middle
Ring
Pinky
Menu
Gender
Reset
Mirror
Presets
Load
Save
Screenshot
Help
Lights
Hide menus
For more pose tools visit:
codelunatics.com

Palm
Thumb
Index
Middle
Ring
Pinky
Menu
Gender
Reset
Mirror
Presets
Load
Save
Screenshot
Help
Lights
Hide menus
More
Thumb bend
Joint 1
Joint 2
Joint 3
Position and angle
Joint 1

Pose Tool 3D

Hide Menus
HEAD
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON
Copyright AlienThink.com, Riven Phoenix

Hide Menus
LEFT UPPER LEG
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON

Hide Menus
LEFT UPPER LEG
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON

Hide Menus
HEAD
Lock Controls To Figure
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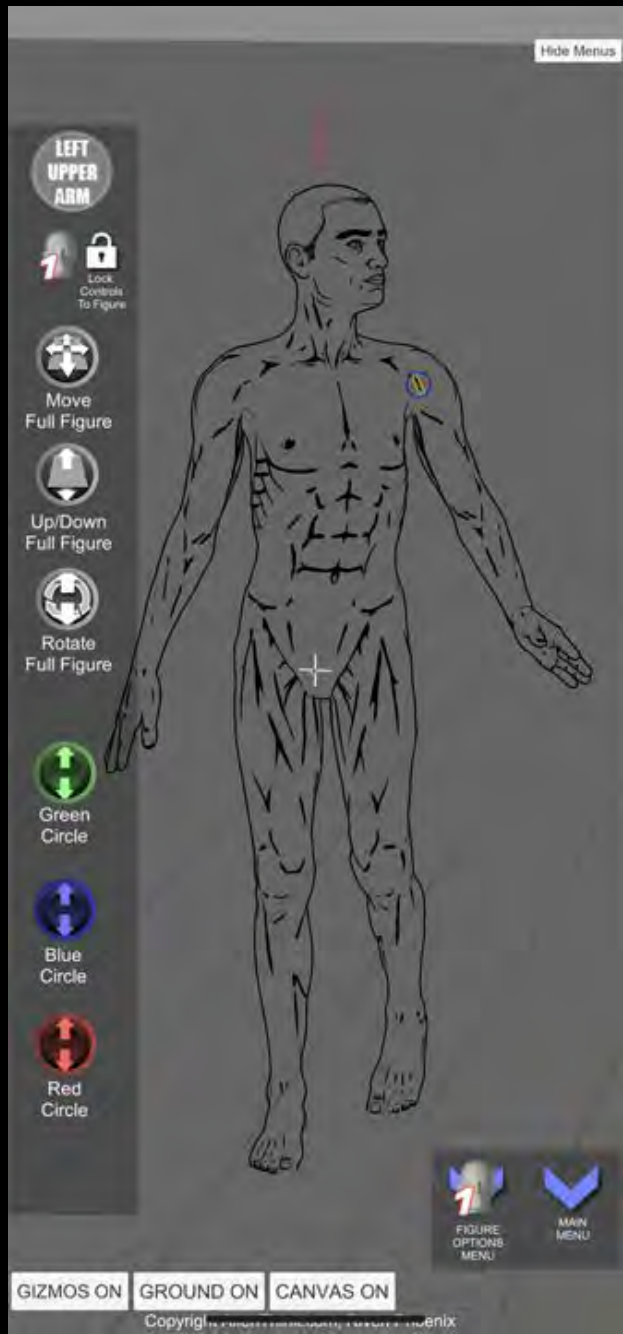
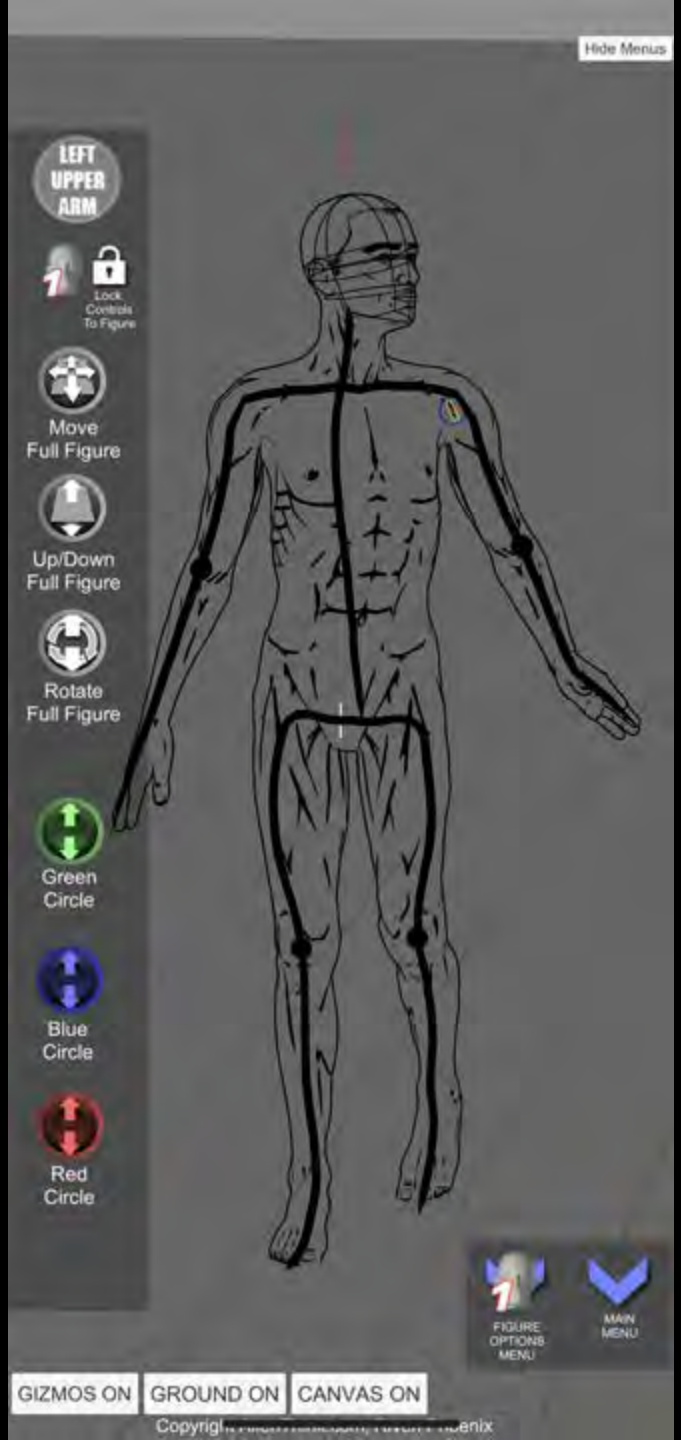
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON

Hide Menus
LEFT UPPER LEG
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON

Hide Menus
LEFT UPPER ARM
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON
CANVAS ON


Hide Menus
LEFT UPPER ARM
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON
CANVAS ON


Hide Menus
LEFT UPPER ARM
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON
CANVAS ON

Hide Menus
LEFT UPPER ARM
1
Lock Controls To Figure
Move Full Figure
Up/Down Full Figure
Rotate Full Figure
Green Circle
Blue Circle
Red Circle
1
FIGURE OPTIONS MENU
MAIN MENU
GIZMOS ON
GROUND ON

Camera
Head
Eyes
Mouth
Nose
Creature
Head tilt
Menu
Model
Reset
Load
Save
Screenshot
Lights
View
Help

Camera
Head
Eyes
Mouth
Nose
Creature
Head tilt
Menu
Model
Reset
Load
Save
Screenshot
Lights
View
Help
Head tilt X axis
Head tilt Y axis
Head tilt Z axis

Handy

HANDY
ART REFERENCE TOOL

MORE INFO
HANDY
SELECT A MODEL TYPE
HANDS / FEET
HEADS
PROPS
SAVED SCENES
FOLLOW HANDY ONLINE
FOR NEWS AND UPDATES

SELECT TYPE
SKIN COLOR
LIGHT SKINNED
DARK SKINNED
MALE HAND
FEMALE HAND
MALE FOOT
FEMALE FOOT

SELECT A POSE

CAMERA ZOOM

SELECT A POSE

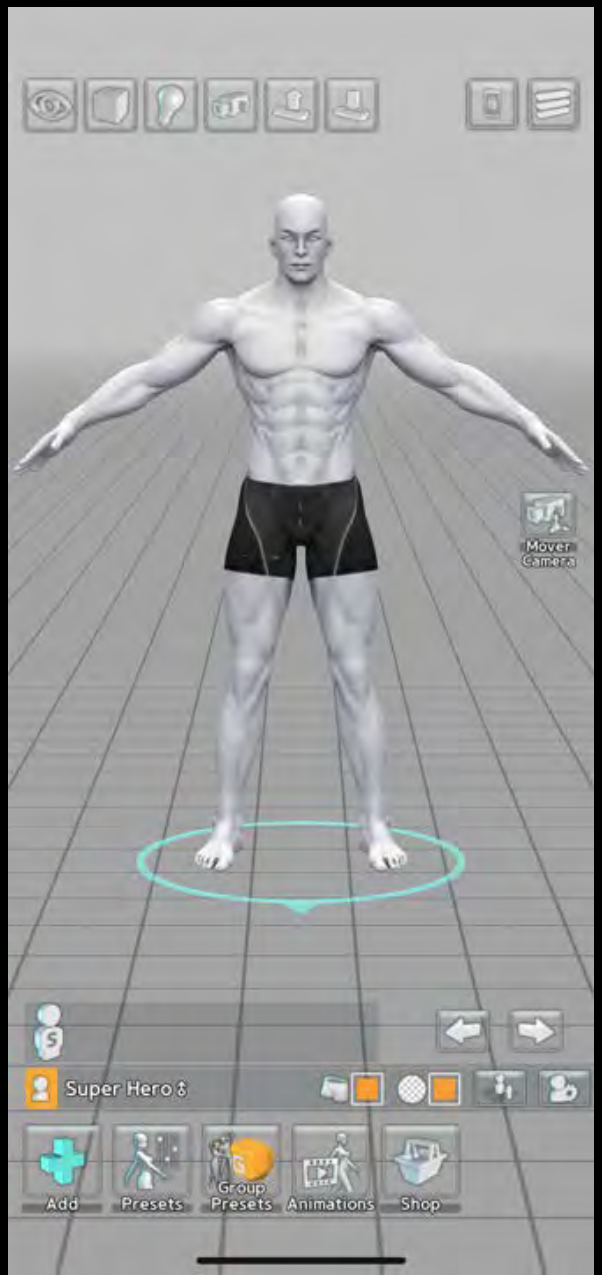
MENU

SELECT HEAD TYPE
ANATOMY NEXT
BUY
ANIMAL SKULLS
TAP TO PREVIEW LIST
FEMALE HEAD A
FEMALE HEAD B
FEMALE PLANAR
MALE HEAD A
MALE HEAD B
OLD MALE HEAD
HUMAN SKULL

MENU
CAMERA ZOOM
FIELD OF VIEW

Easypose

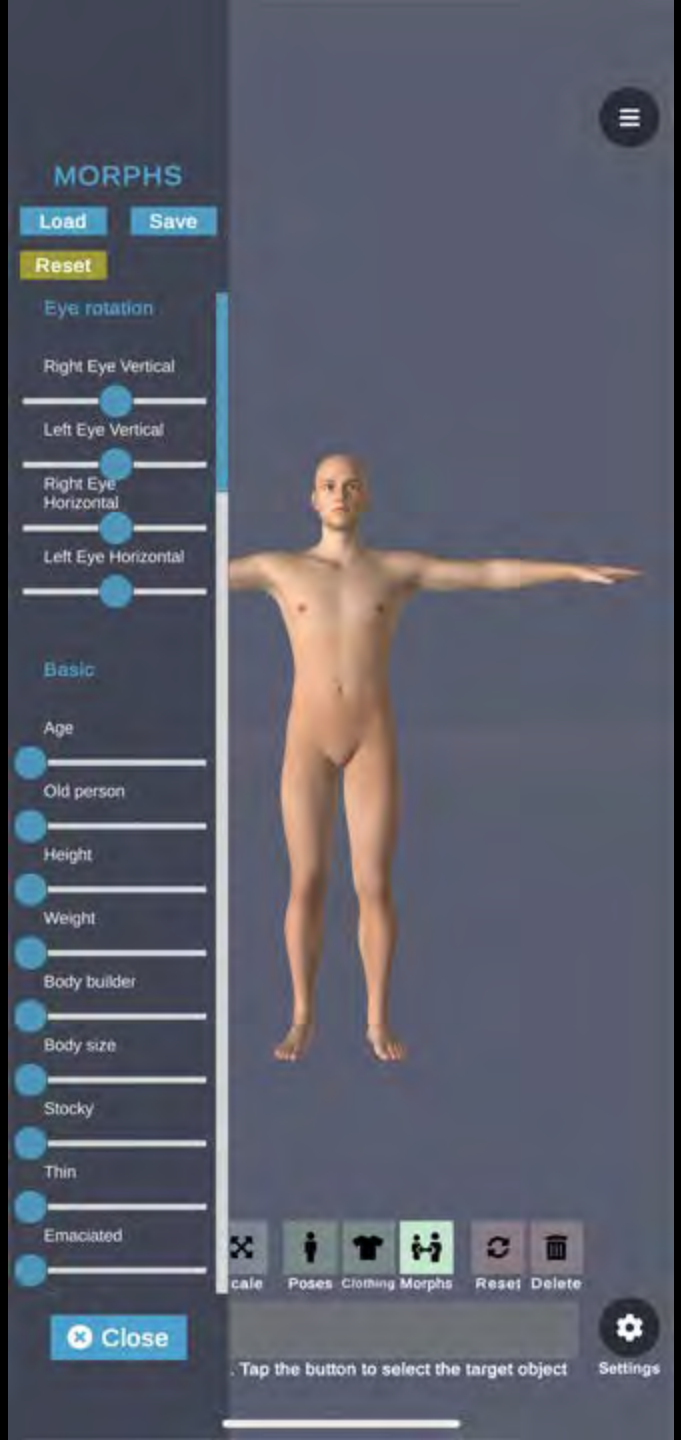
Rot_Spine
X ROT
Y ROT
Z ROT
Lock
Reset
Mover Camera
Male 4HDS(Chibi)
Add
Presets
Group Presets
Animations
Shop


Mover Camera
Super Hero 8
Add
Presets
Group Presets
Animations
Shop

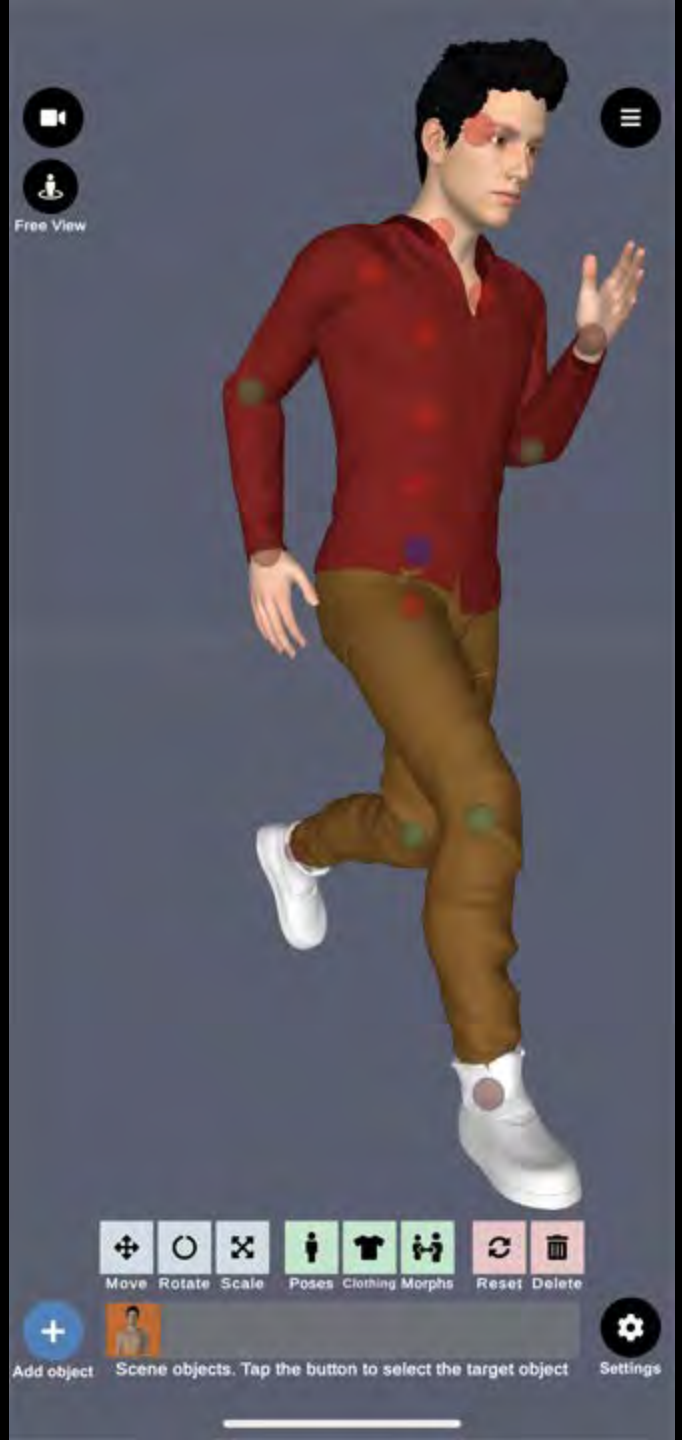
Mover Camera
Super Hero 8
Add
Presets
Group Presets
Animations
Shop

Art Model

Free View
New scene
Add new model
Base male model
Base female model
Add new prop
Cube
Sphere
Plane
Cylinder
Chair
Table
Close
Add object
Scene objects
Tap the button to select the target object
Settings


MORPHS
Load
Save
Reset
Eye rotation
Right Eye Vertical
Left Eye Vertical
Right Eye Horizontal
Left Eye Horizontal
Basic
Age
Old person
Height
Weight
Body builder
Body size
Stocky
Thin
Emaciated
Close
Poses
Clothing
Morphs
Reset
Delete
Tap the button to select the target object
Settings

Free View
Move
Rotate
Scale
Poses
Clothing
Morphs
Reset
Delete
Add object
Scene objects. Tap the button to select the target object
Settings


Free View
Move
Rotate
Scale
Poses
Clothing
Morphs
Reset
Delete
Add object
Scene objects. Tap the button to select the target object
Settings

Mannequins

This mannequin will give you an understanding of what basic human proportions are, and how limbs can be positioned on various occasions.

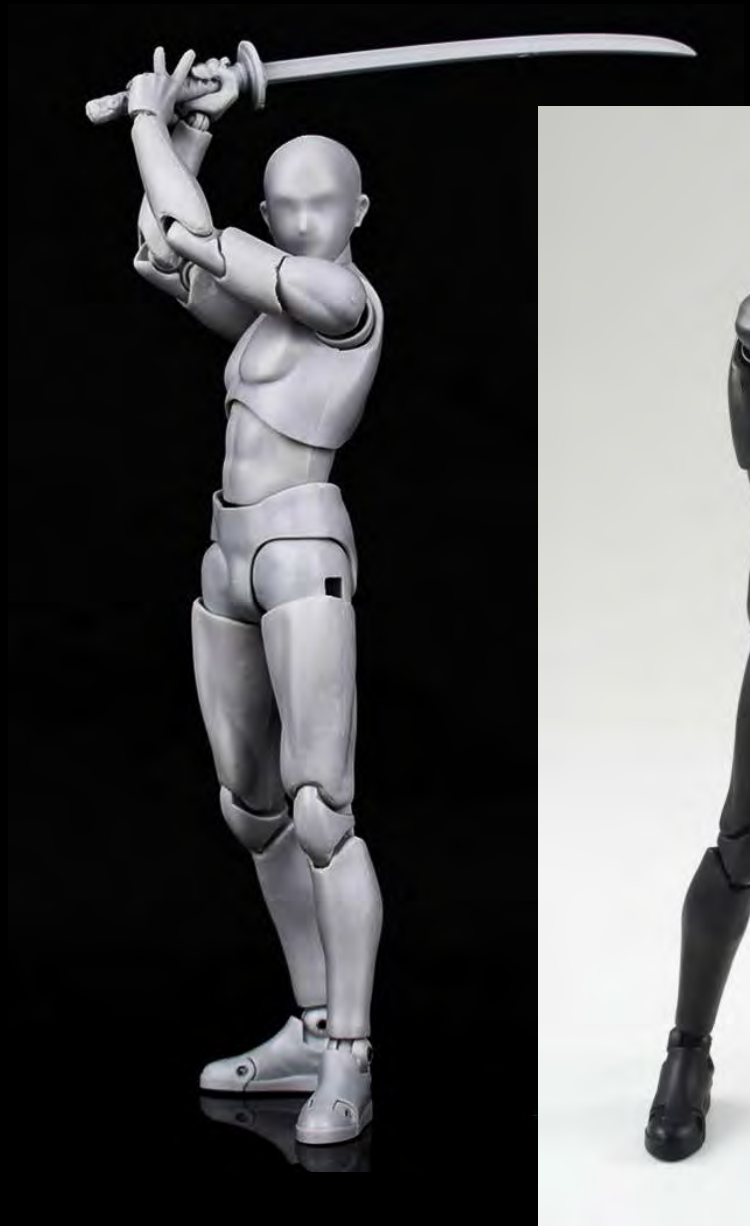
Overall, this mannequin is not too detailed, but it is great for sketching and learning basic figure building.

The downside is that it’s easy to position it in a very unrealistic manner, and the joints allow that.

Art S Buck

Artist's Model
SIDESHOW
COLLECTIBLES
Artist's Model
SIDESHOW
COLLECTIBLES

Artist's Mannekins



Bandai S.H. Figuarts Man DX
Set by TAMASHII NATIONS

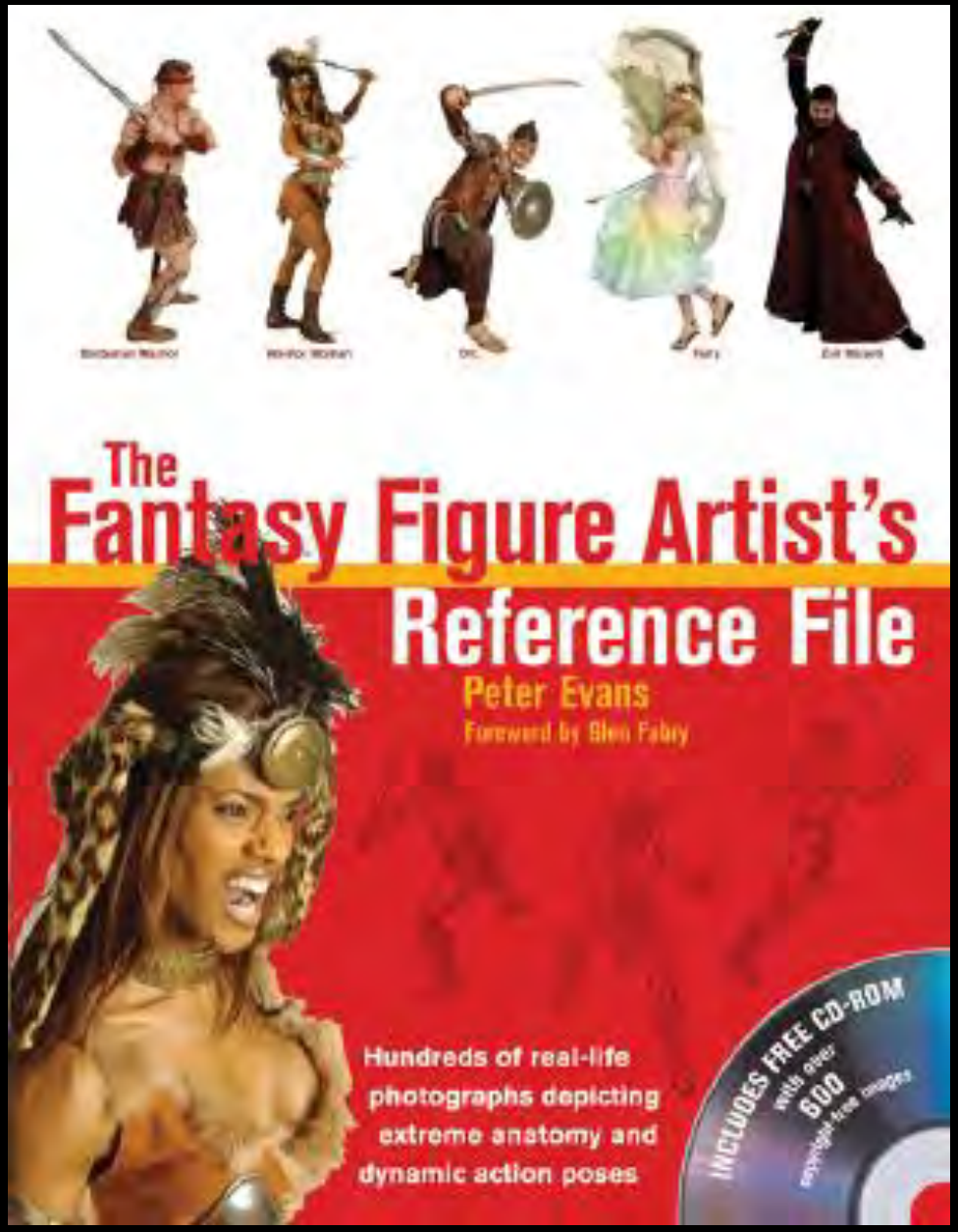
My studio is full of anatomy models. Some static and some pose able.

ANATOMY : FEMALE

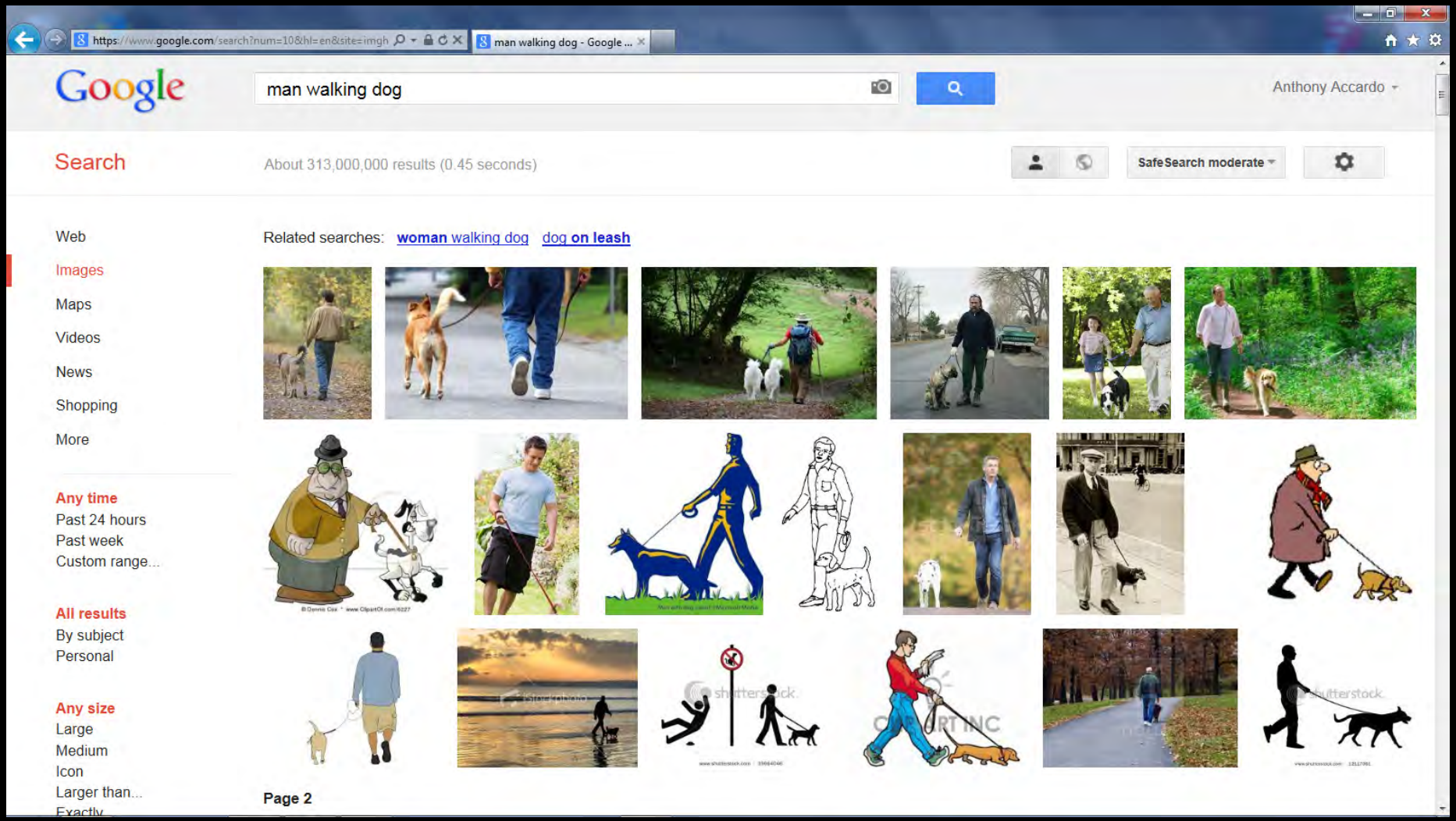
STOCK PHOTO REFERENCE

Sadly, most of us cannot afford to have models drop by every day so we can practice drawing humans; and for some, life drawing classes either don't come soon enough, or aren't affordable.

There are dozens of books out there that will teach you to draw the human figure, but nothing beats actual observation.



ONLINE IMAGES



Luckily we now have the internet, and access to thousands of photos of people doing all kinds of things.

BUT A WORD OF CAUTION...

Copyright

There are couple of problems inherit in using photos and the Internet as your reference morgue file.

Not all images online are free for you to use.

Goggling images might get you some interesting photos, but if you copy them someone is eventually going to notice and probably get ticked off about it.

Stick with stock photos. There are a ton of stock photo resources online.

Some you have to pay for, like istockphoto.com, however by paying the small fee for a photo you're guaranteed not only a good quality photo to work from, but also that you can use it for your work free from worry. Think of it like paying for peace of mind.

Marvel vs. Spain

The Spanish Royal House's Law department is studying legal actions to stop Marvel from publishing a “The Pulse: House of M” cover by Mike Mayhew inspired by a copyrighted photograph of King Juan Carlos' of Spain.

Marvel substituted the cover on the finished book for something more original.