

Optigami™

Build Your Own Microscope Kit

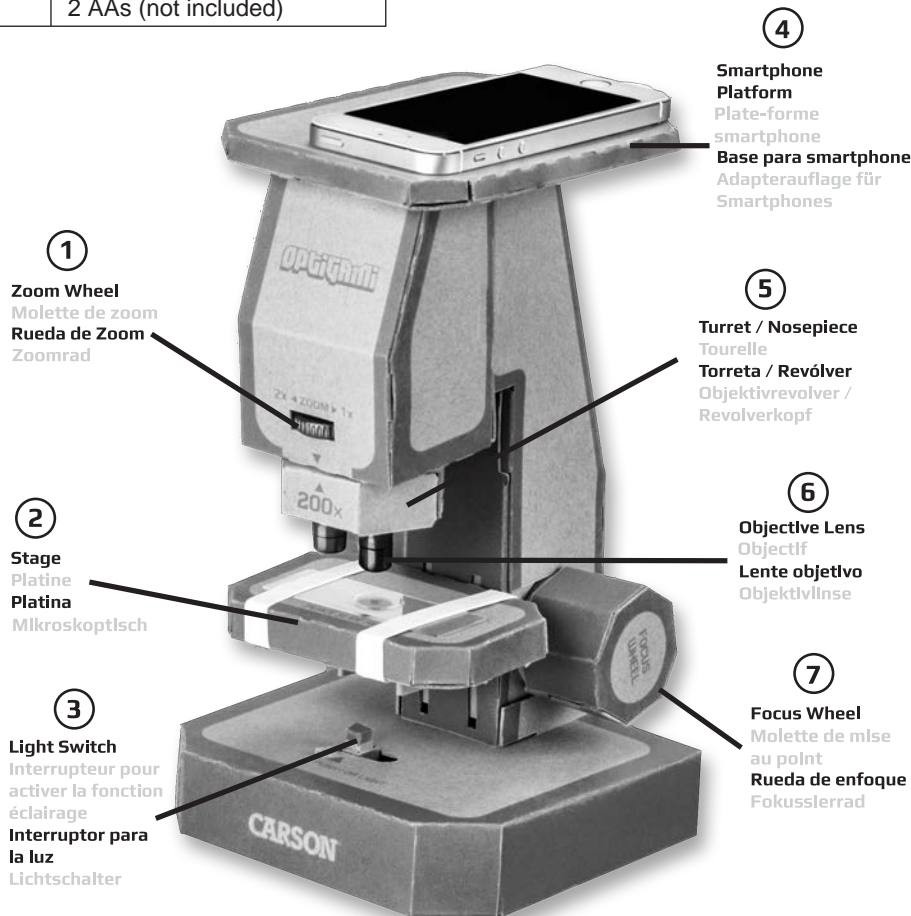
Congratulations on selecting your new Build Your Own Microscope Kit! In order to achieve optimum performance, please follow instructions for proper use and care.

PRODUCT SPECIFICATION:

Magnification:	50x-400x
Weight:	0.580 lbs (with microscope)
Dimensions:	6.8" x 5.7" x 10.2"
Battery:	2 AAs (not included)

HELP?

How to Build:	www.youtube.com/watch?v=3EDvIBSNJvc
How To Use:	www.youtube.com/watch?v=ytS1OSSGYo0



Customer Service:

If you experience any difficulties, please contact us and we will be happy to help you.



✉ info@carson.com



✉ uksupport@carson.com

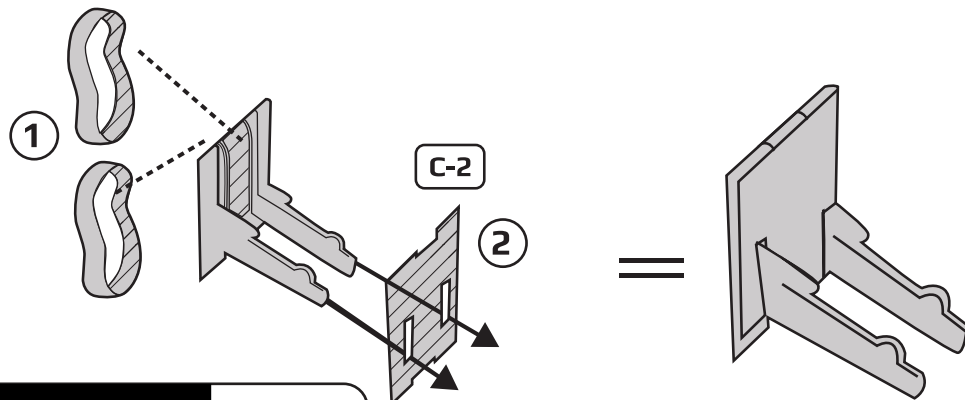
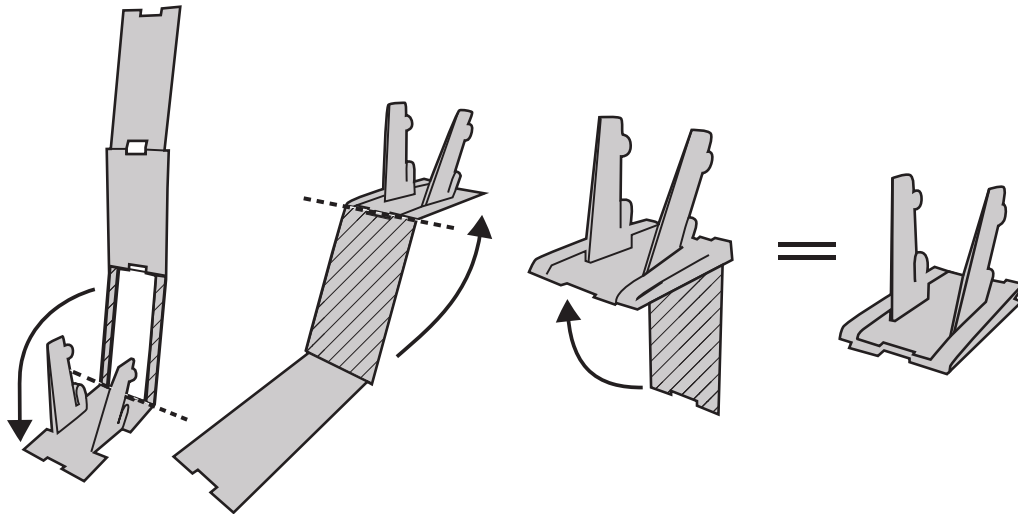
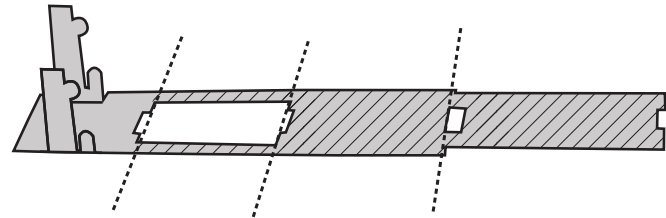
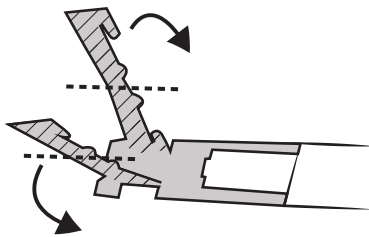
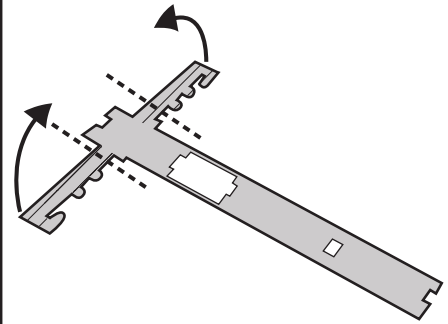
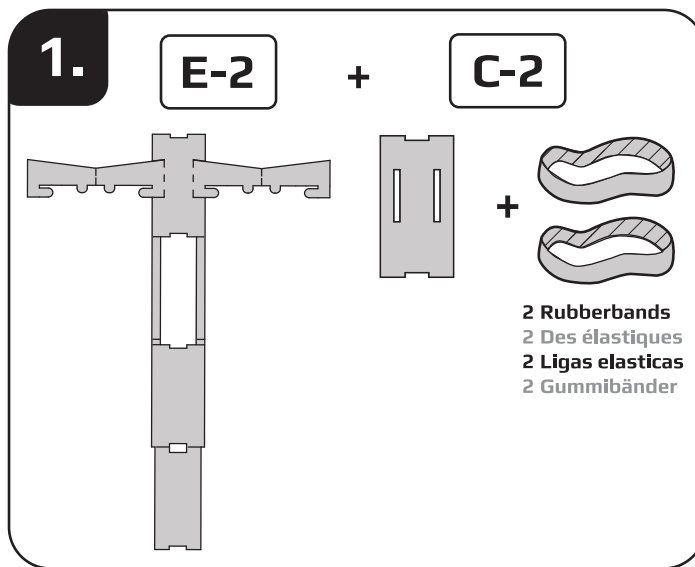


✉ eusupport@carson.com

For warranty information, visit www.carson.com/warrant

www.carson.com

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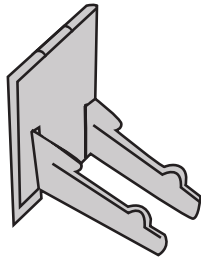
Help?

Avez-vous besoin d'aide ?
¿Necesita ayuda?
Du brauchst Unterstützung?

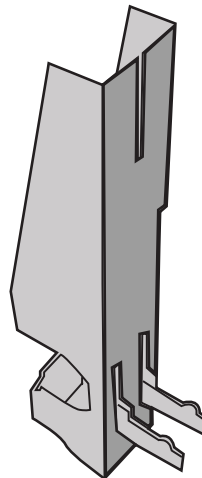
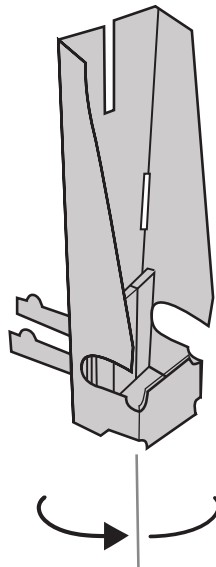
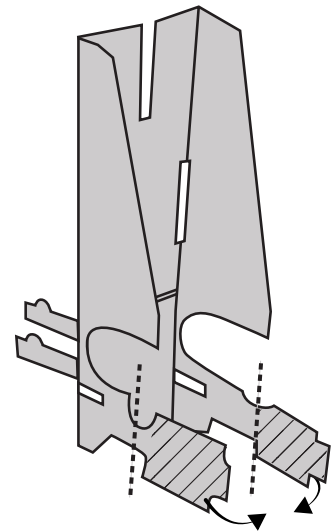
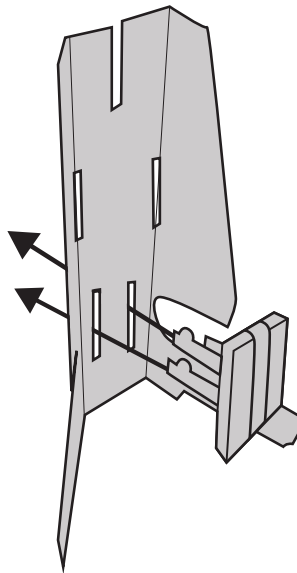
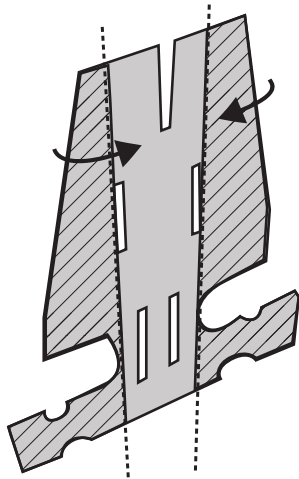
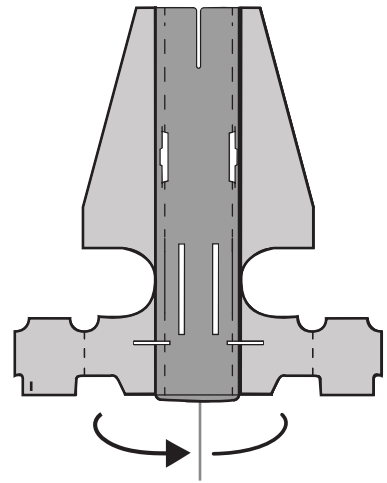
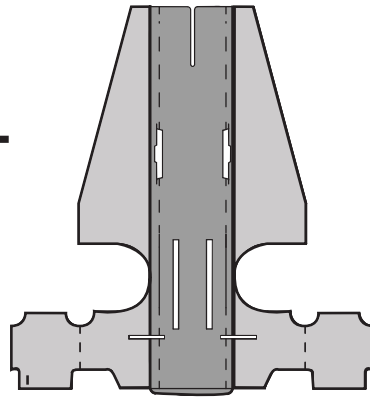


2.

C-1



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Help?

Avez-vous besoin d'aide ?

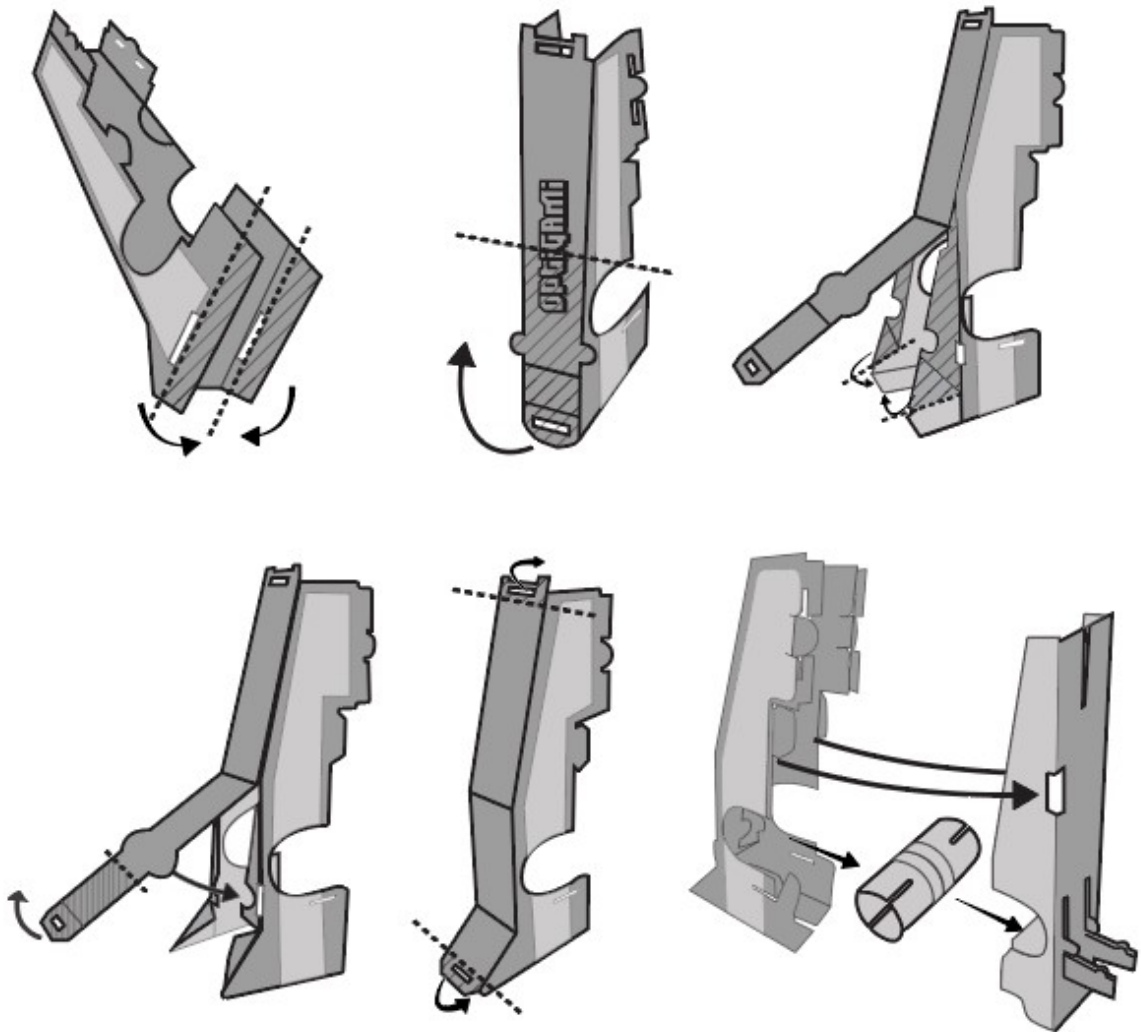
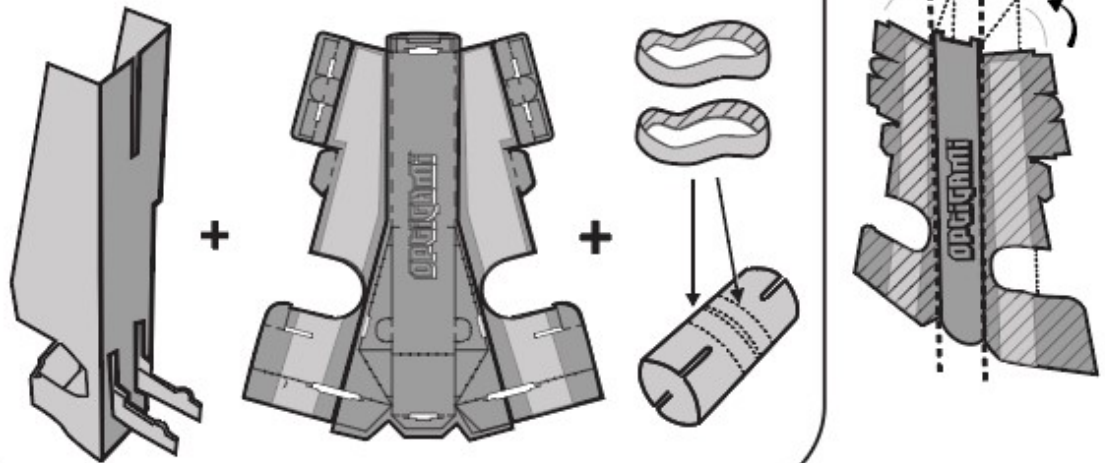
¿Necesita ayuda?

Du brauchst Unterstützung?



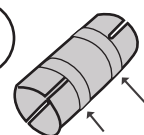
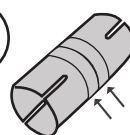
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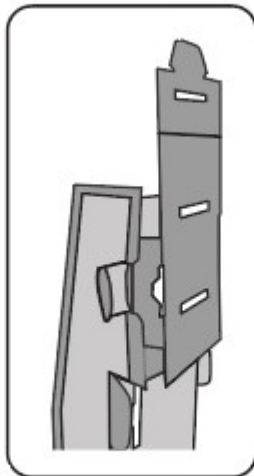
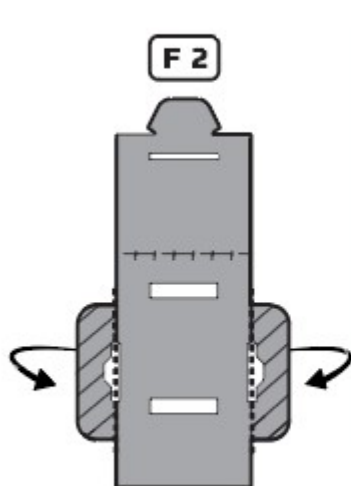
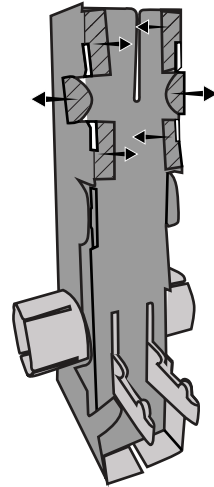
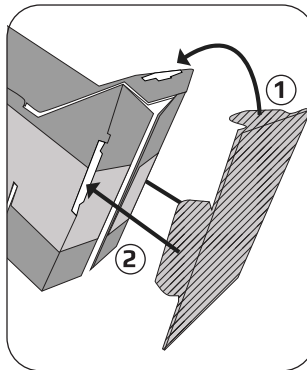
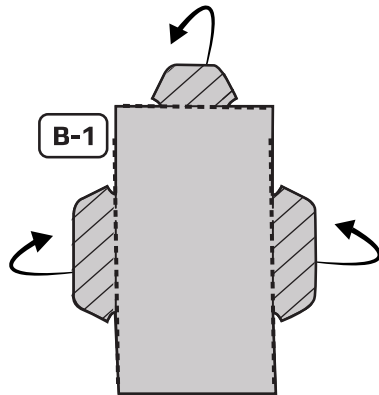
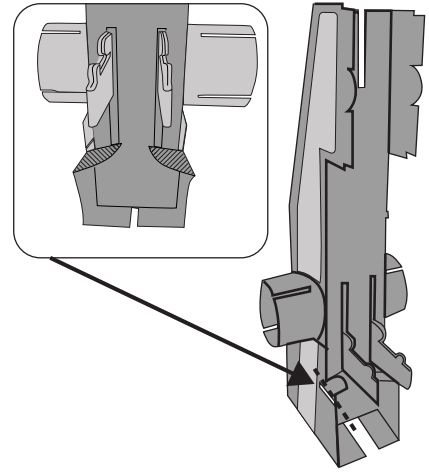
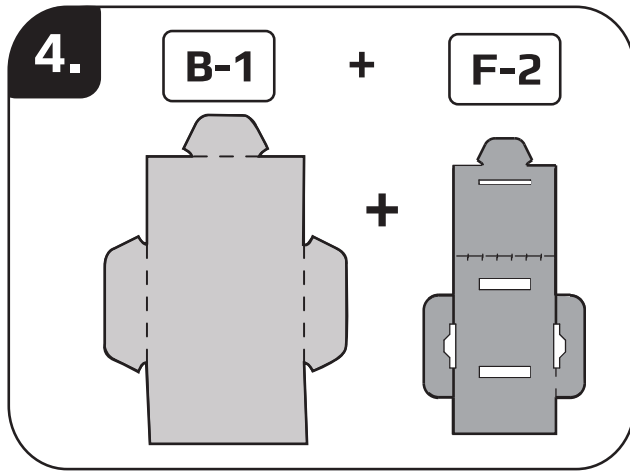
A-1



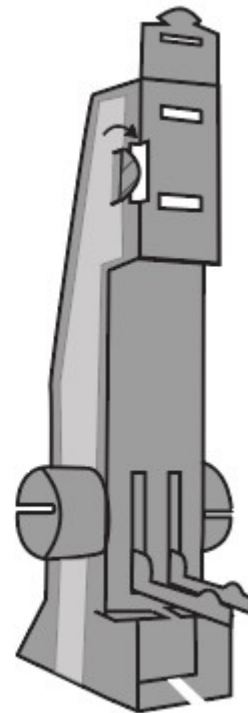
Help?

Avez-vous besoin d'aide ?
¿Necesita ayuda?
Du brauchst Unterstützung?





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Help?

Avez-vous besoin d'aide ?

¿Necesita ayuda?

Du brauchst Unterstützung?

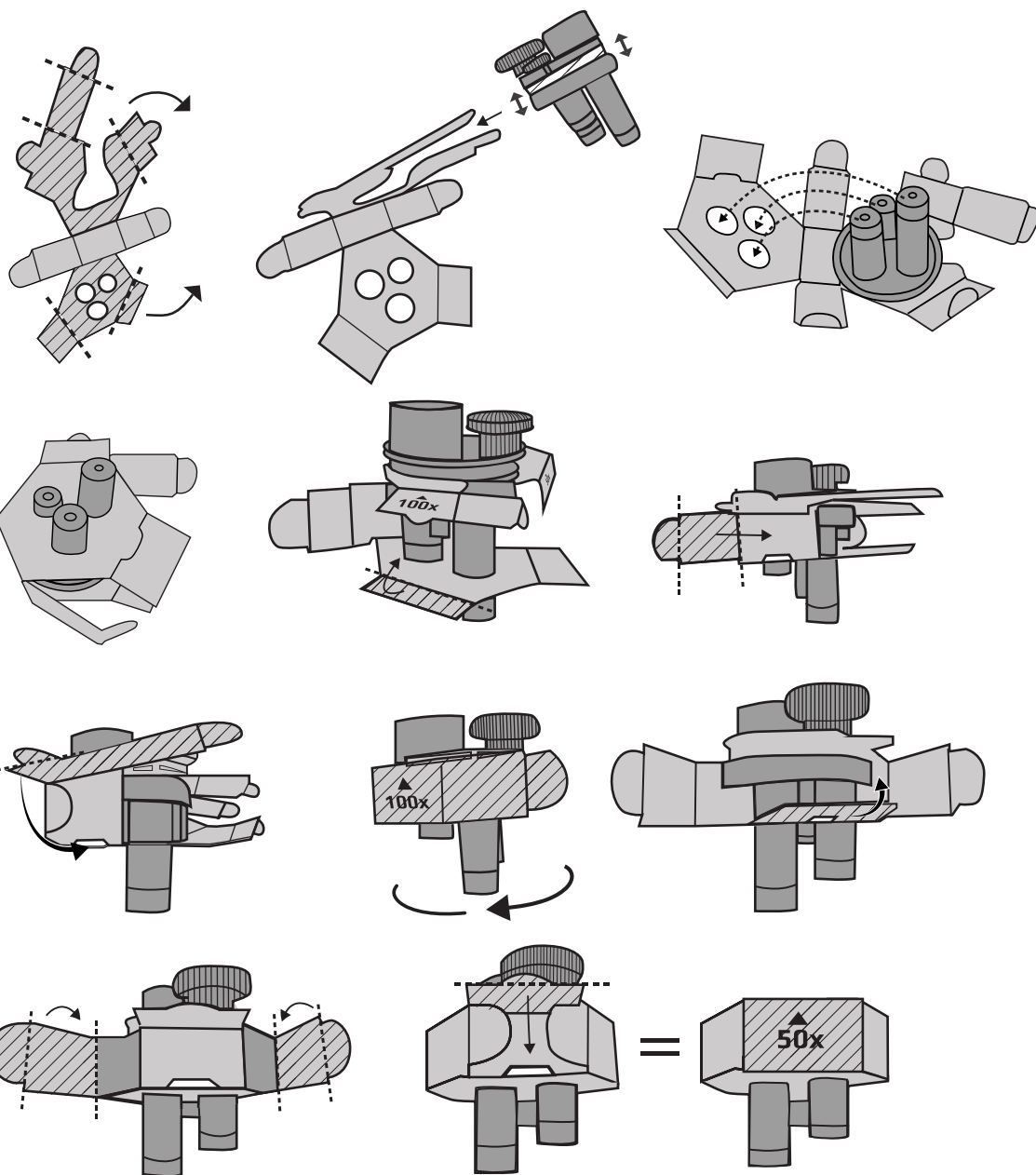
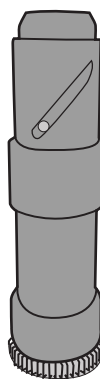
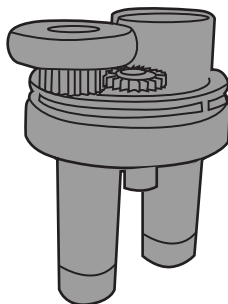
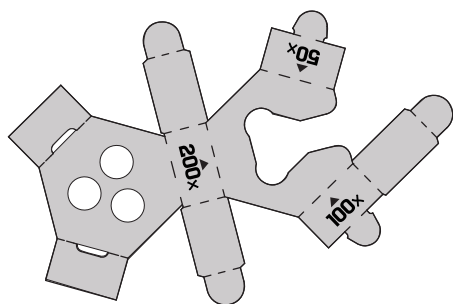


5.

F-3

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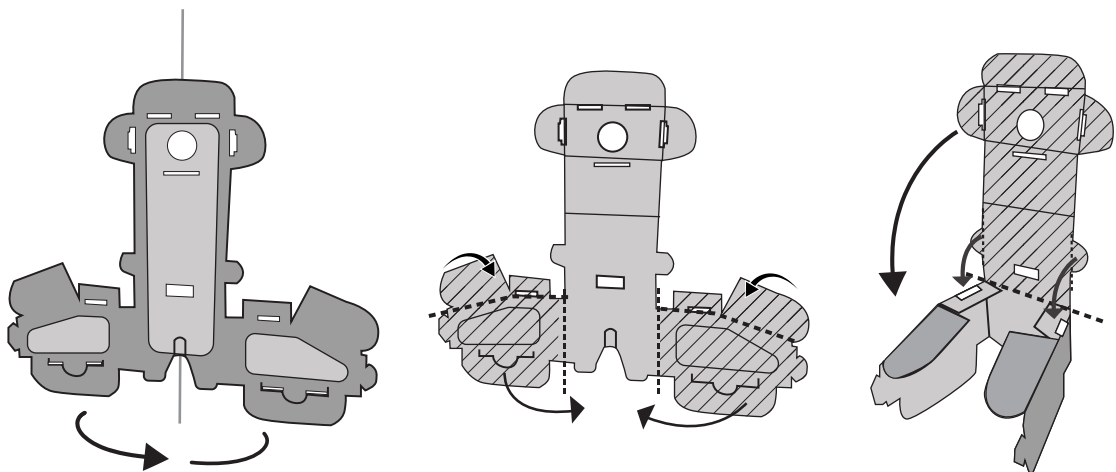
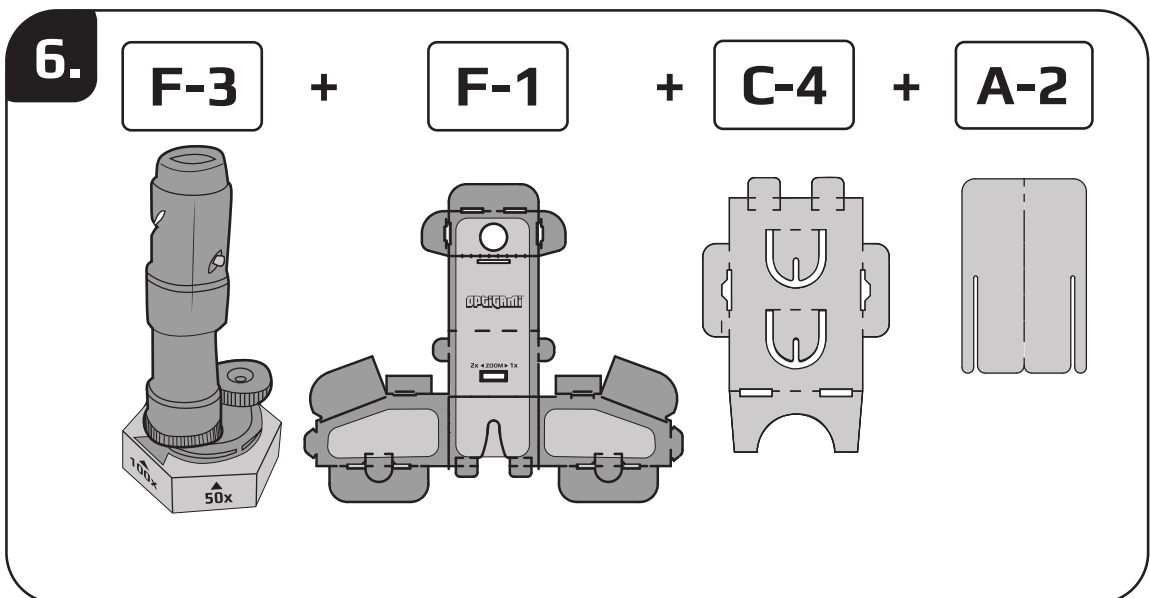
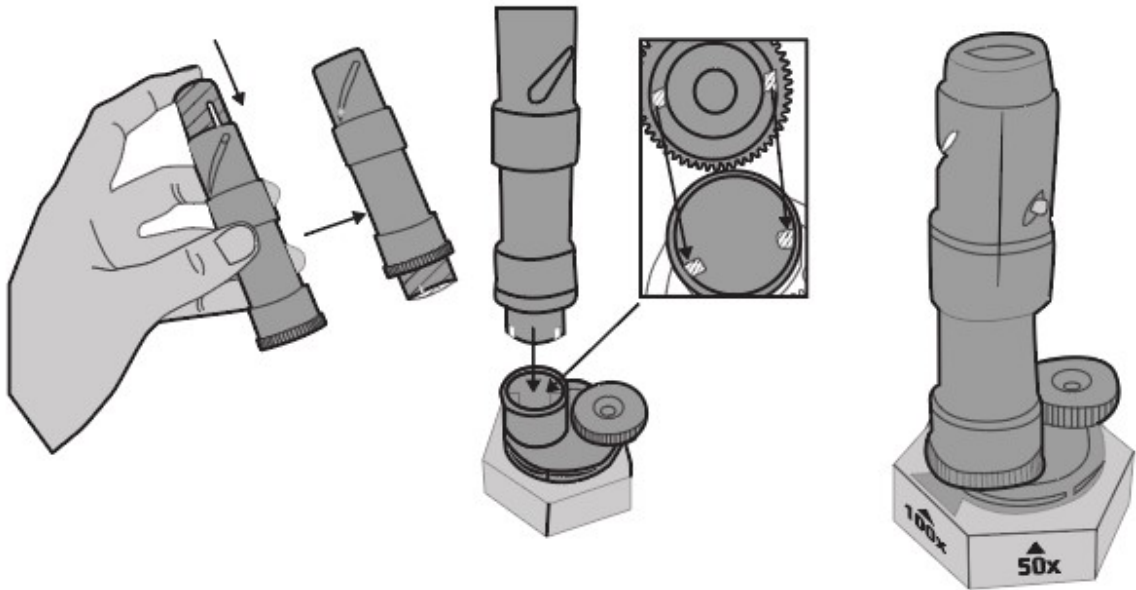
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Help?

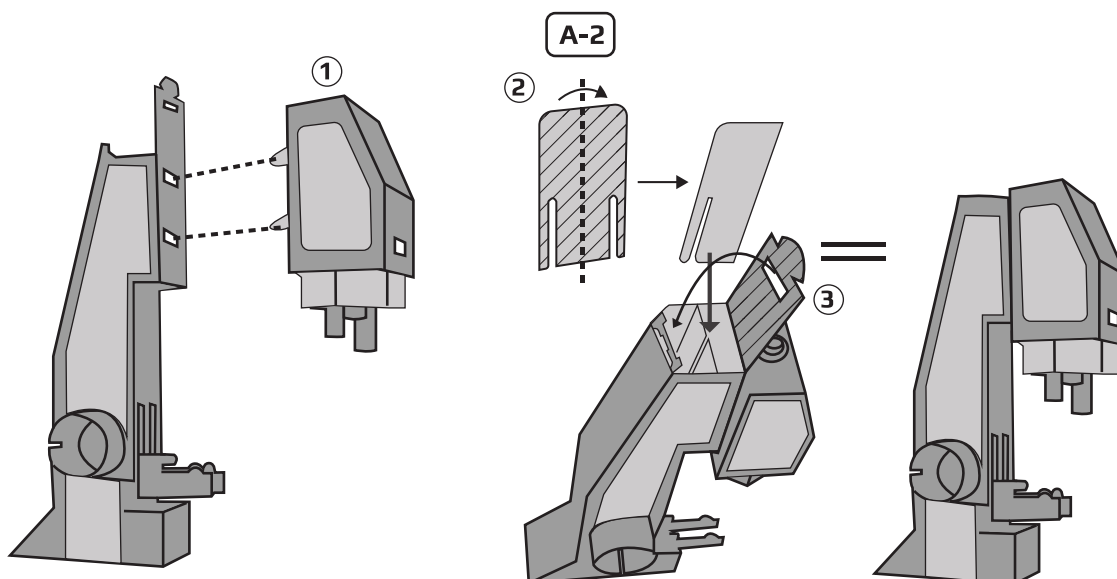
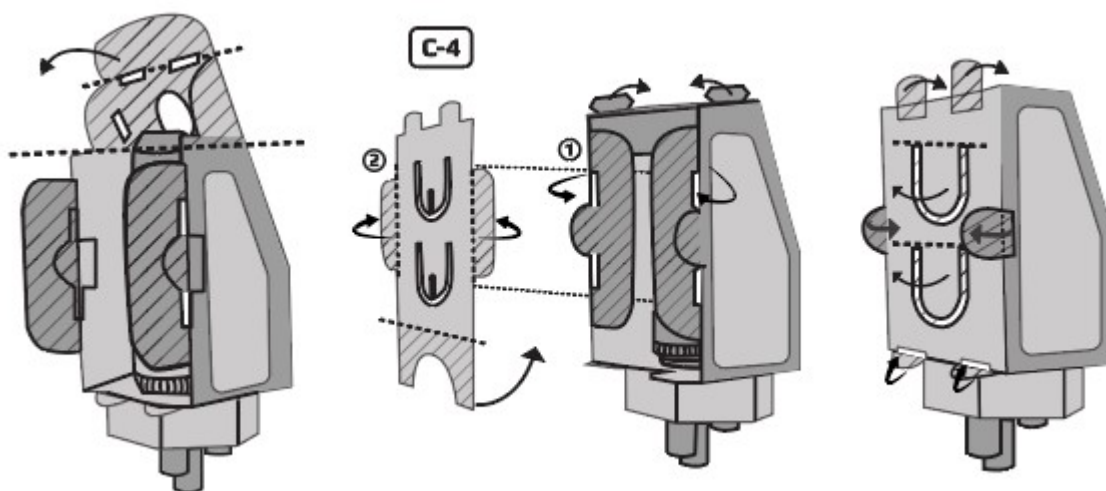
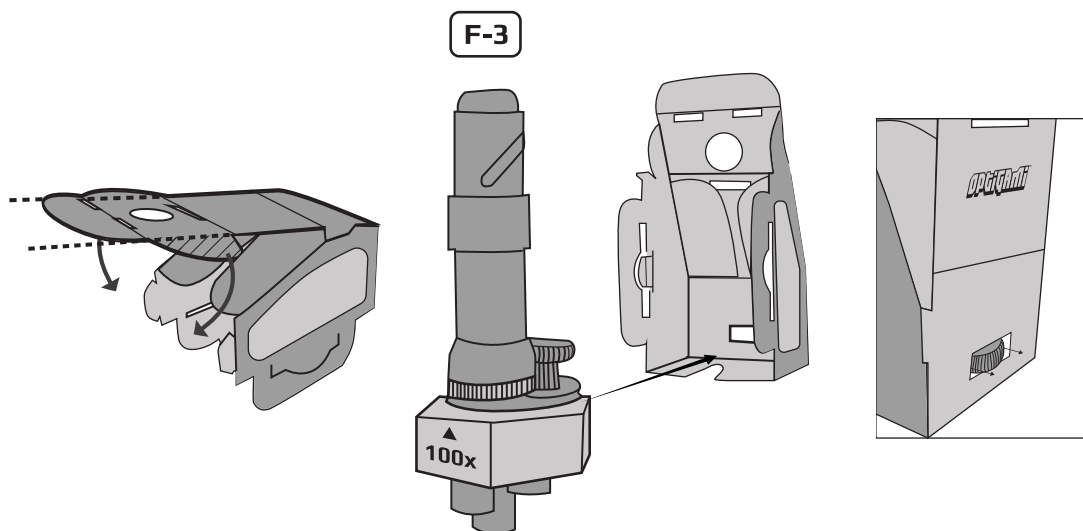
Avez-vous besoin d'aide ?
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Help?
 Avez-vous besoin d'aide ?
 ¿Necesita ayuda?
 Du brauchst Unterstützung?





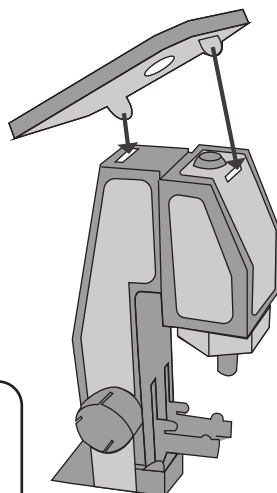
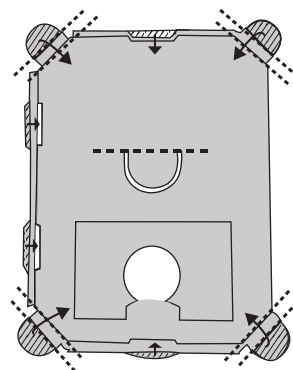
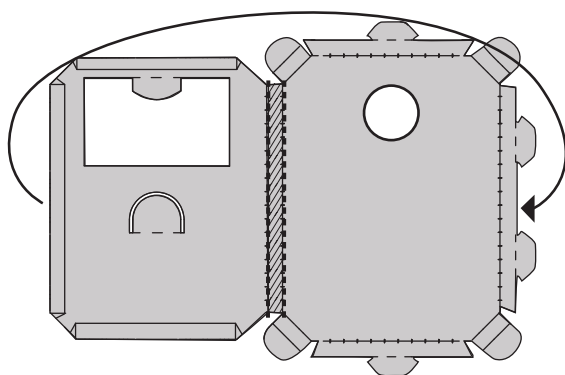
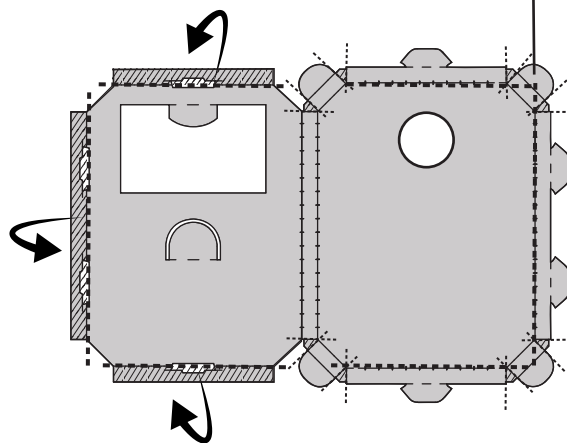
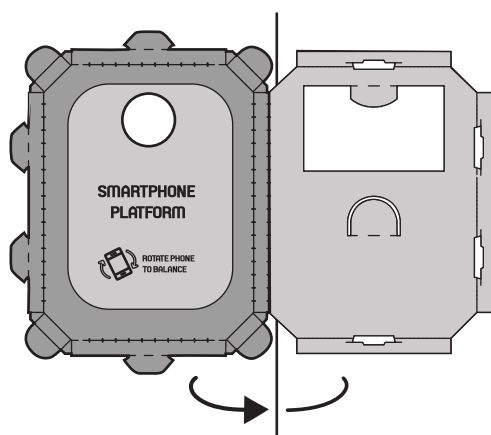
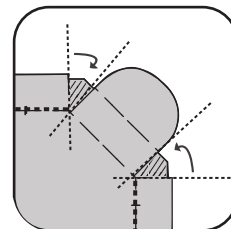
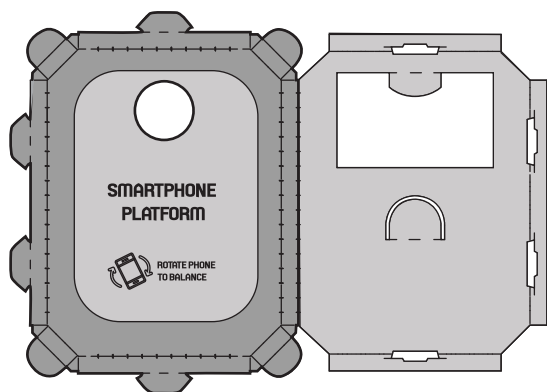
Help?

Avez-vous besoin d'aide ?
¿Necesita ayuda?
Du brauchst Unterstützung?

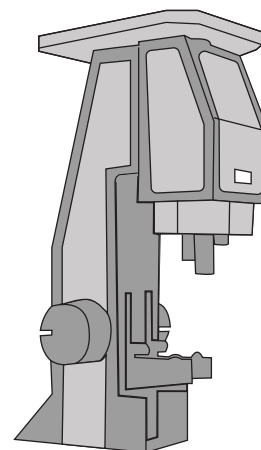


7.

E-1



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Help?

Avez-vous besoin d'aide ?
¿Necesita ayuda?
Du brauchst Unterstützung?



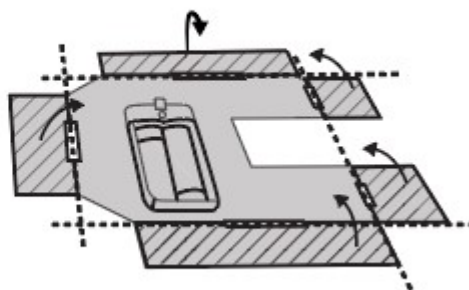
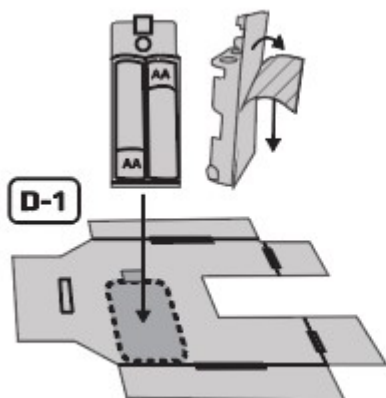
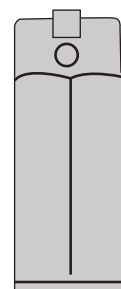
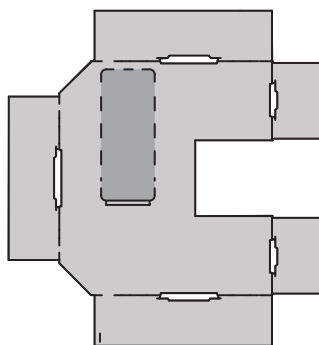
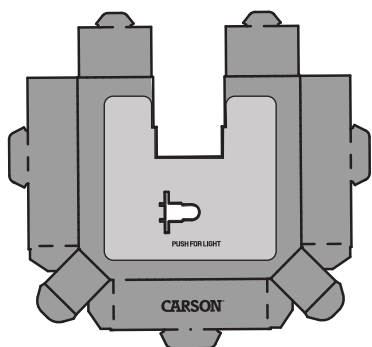
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B-3

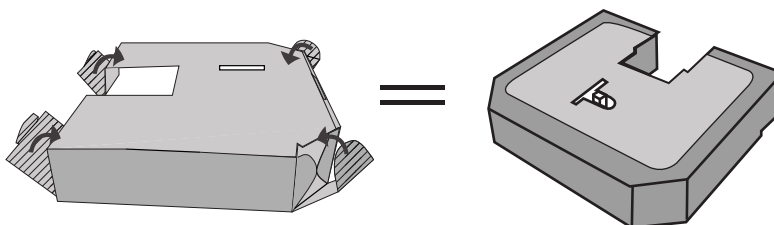
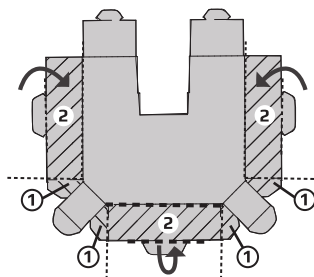
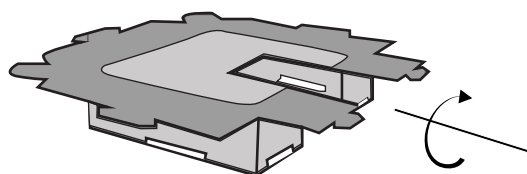
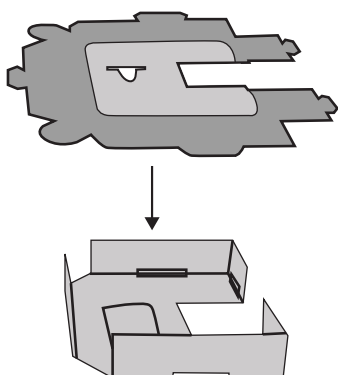
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D-1

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B-3



Help?

Avez-vous besoin d'aide ?

¿Necesita ayuda?

Du brauchst Unterstützung?



9.

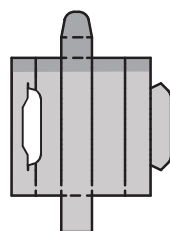
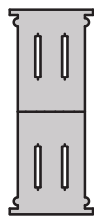
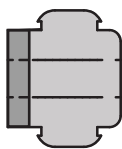
D-4

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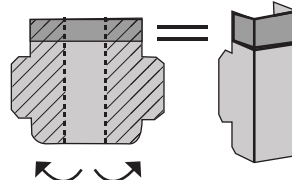
D-3

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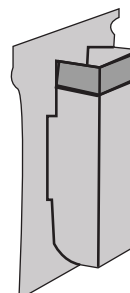
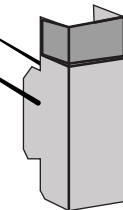
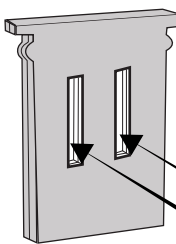
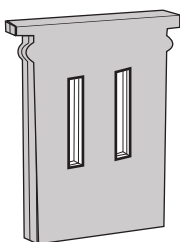
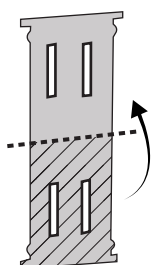
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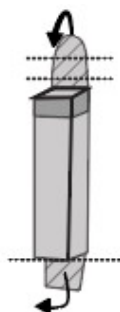
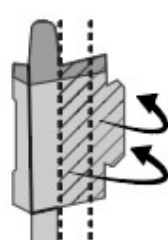
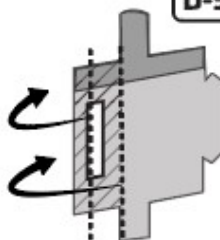
D-4



D-3



D-5



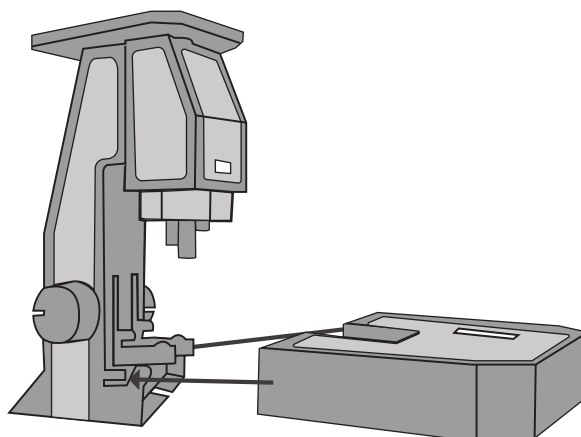
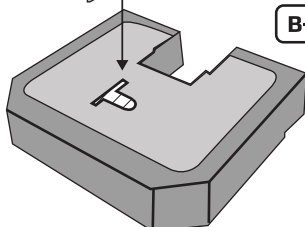
D-5



D-3/D-4



B-3



Help?

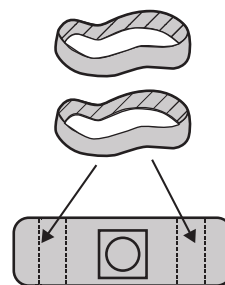
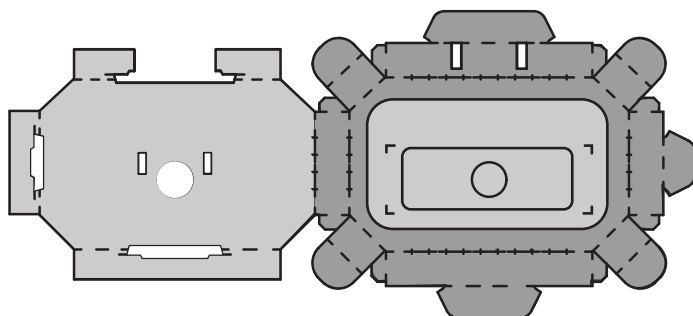
Avez-vous besoin d'aide ?
¿Necesita ayuda?
Du brauchst Unterstützung?



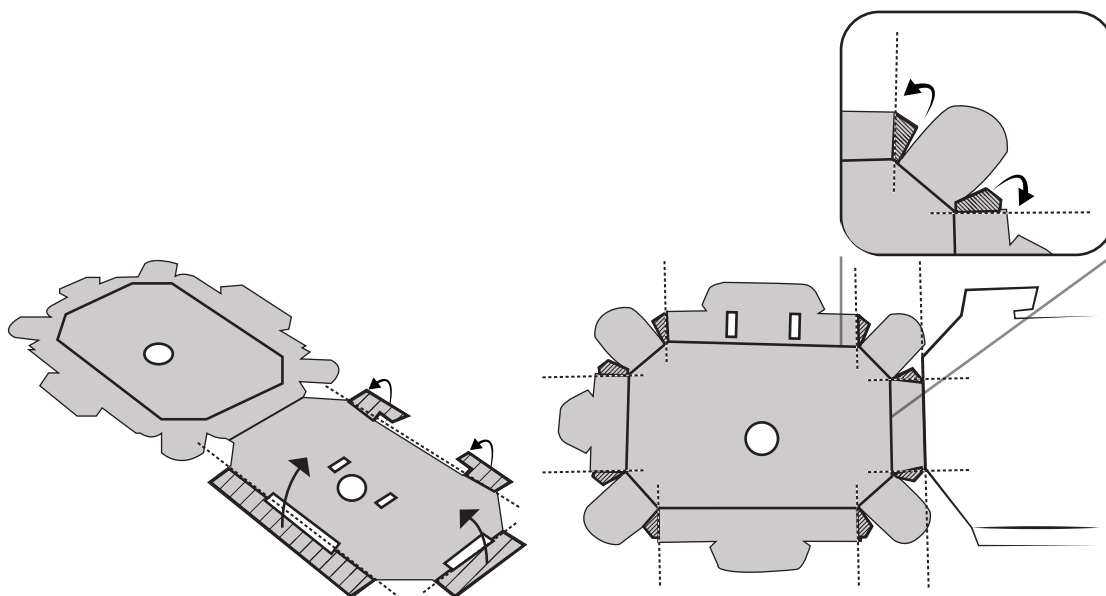
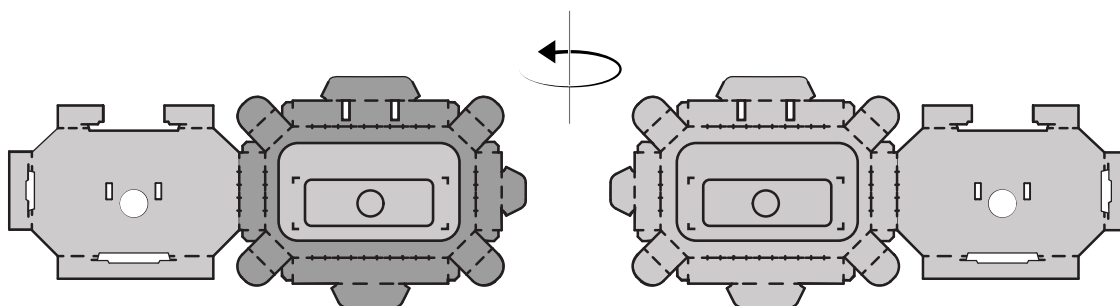
10.

D-2

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- 1 Slide
- 2 Rubberbands
- 1 Diapositive
- 2 Des élastiques
- 1 Portaobjetos
- 2 Ligas elasticas
- 1 Objektträger
- 2 Gummibänder



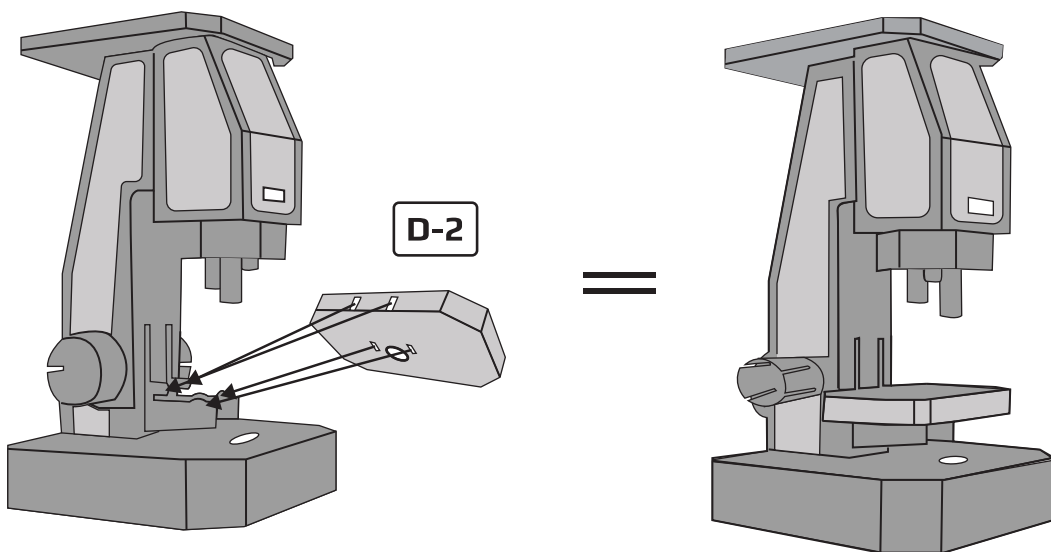
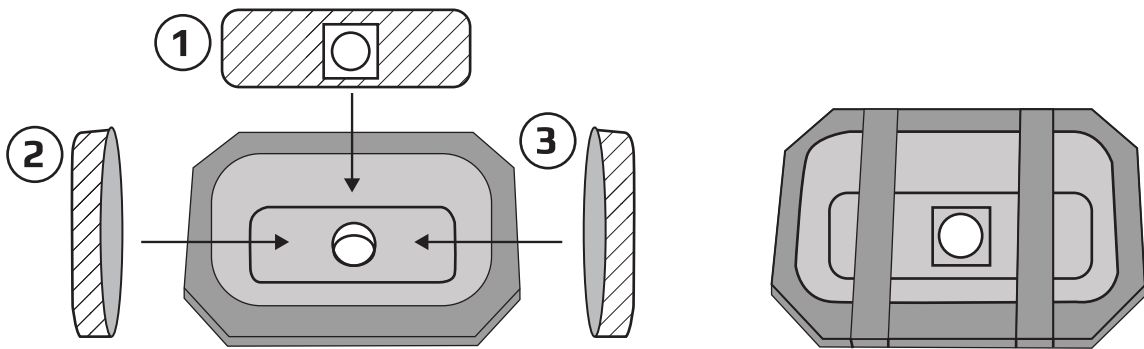
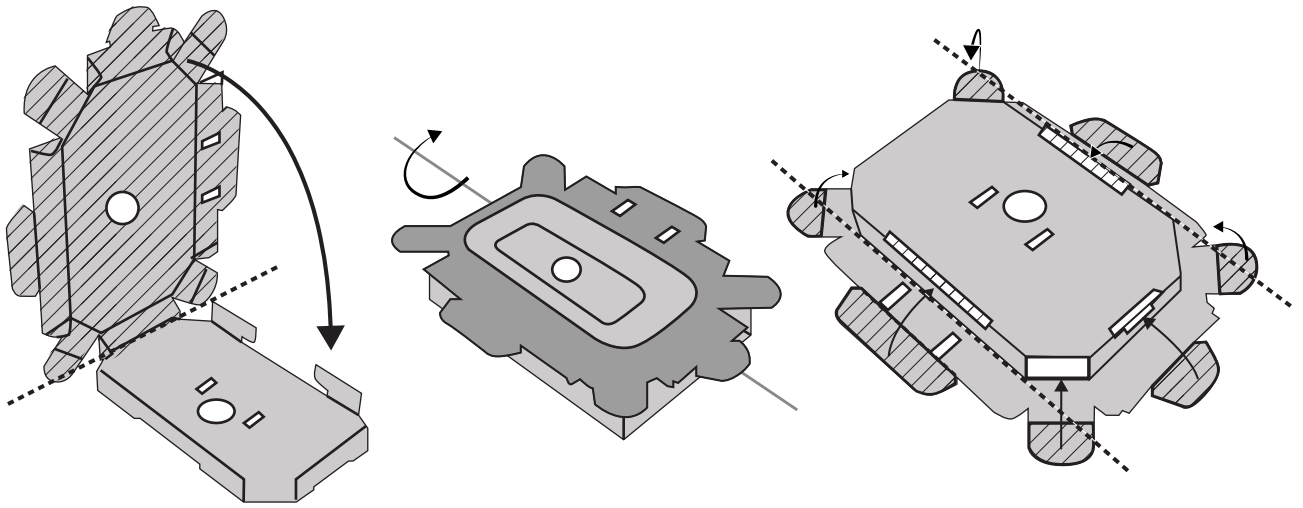
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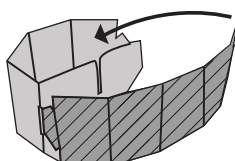
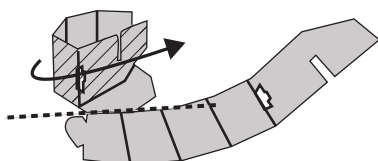
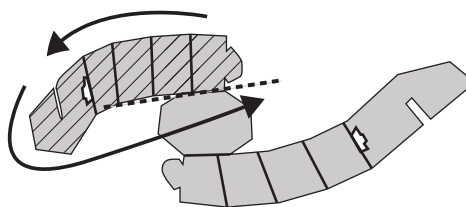
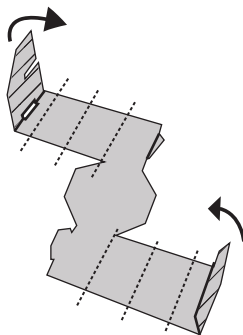
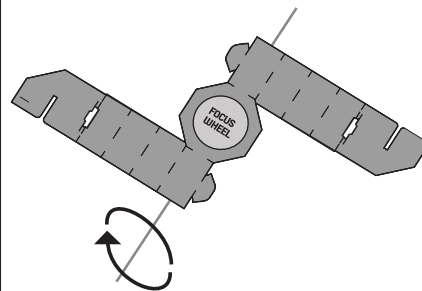
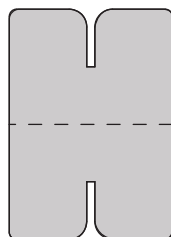
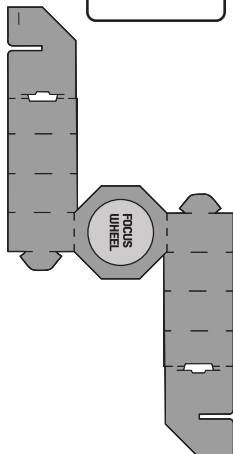


11A.

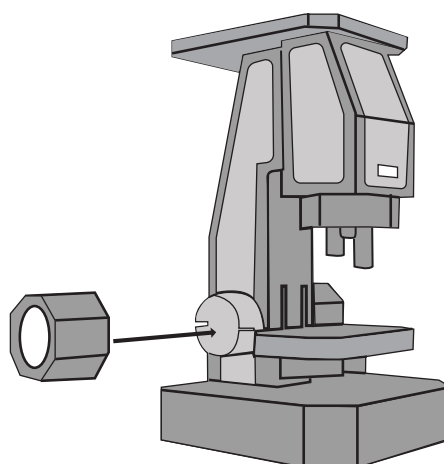
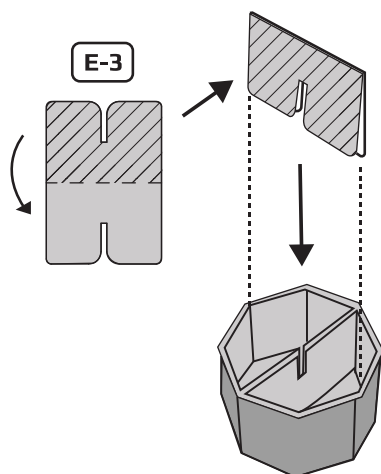
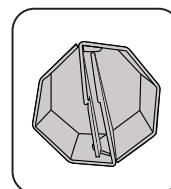
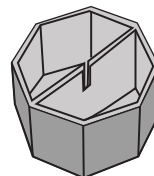
C-3

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E-3



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Help?

Avez-vous besoin d'aide ?

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Du brauchst Unterstützung?

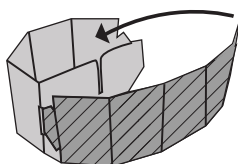
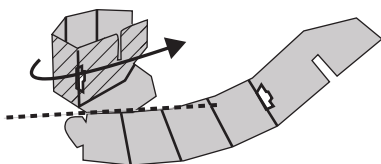
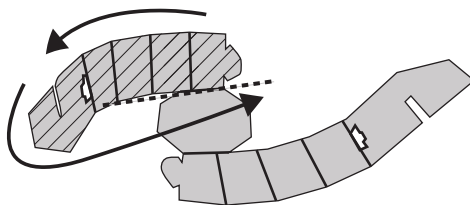
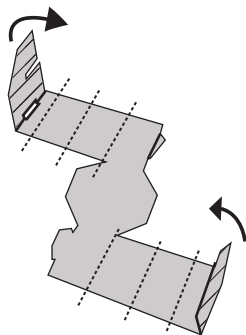
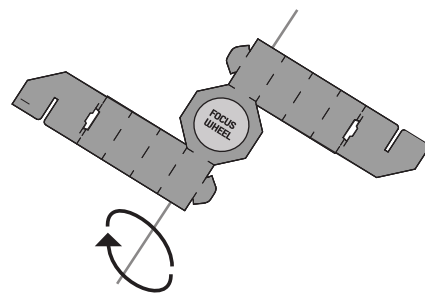
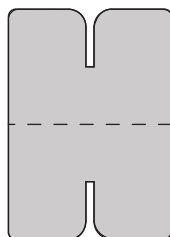
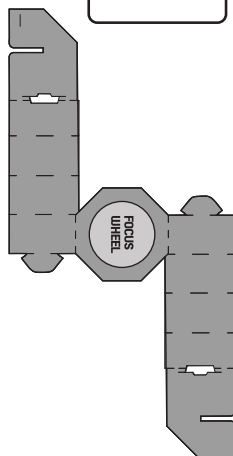


11B.

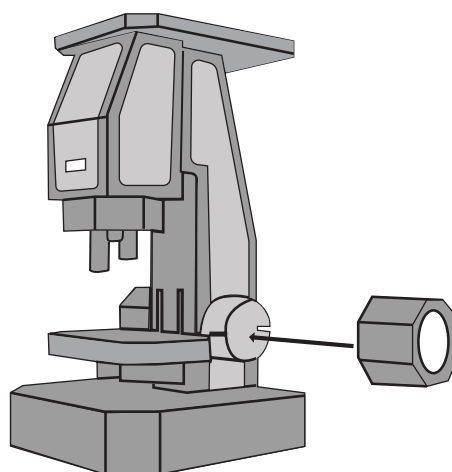
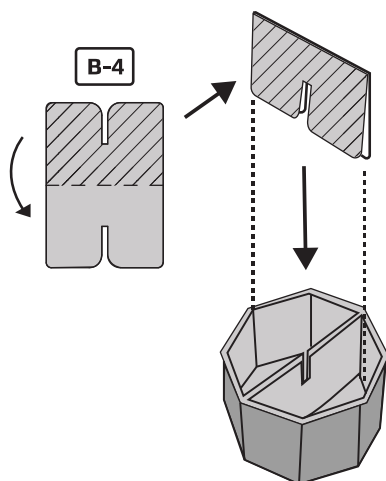
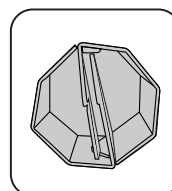
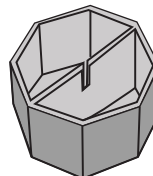
B-2

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B-4



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Help?

Avez-vous besoin d'aide ?

¿Necesita ayuda?

Du brauchst Unterstützung?



OPTIGAMI™

Instructions for Use:

Instructions pour l'utilisation :

Instrucciones de Uso:

Gebrauchsanweisung:



1. Place microscope on secure, flat surface and make sure stage^② is in highest position; if not, turn focus wheels^⑦ to adjust. Set objective lens^⑥ to 50x, and then rotate zoom wheel^① right to 1x.
2. Place a prepared slide on center of stage and secure with rubber bands.
3. Push button^③ located under stage to turn on light.
4. Reattach smartphone platform^④ if removed prior.
5. Turn on camera app and align primary camera over eyepiece on smartphone platform. You'll want to center the bright circle seen on your screen. To determine primary camera, go to **www.carson.com/multicam**
 - Adjust position of prepared slide until area of interest is centered.
 - Stage should be at highest position.
 - For best results, use video mode. Tap and hold video mode to lock Focus & Exposure settings on phone.
6. If area of interest is not in focus, turn focus wheels slightly. Once focused, adjust position of slide on stage to view other areas of interest.
7. Rotate zoom wheel toward 2x. Magnification will increase. Adjust focus wheels slowly until slide is in focus.

Note: When switching objective lenses, return zoom wheel to 1x and refocus as needed. We recommend switching objective lenses sequentially.

Troubleshooting:

1. For focusing trouble, remove smartphone platform and view directly through eyepiece. Once focused, return platform and phone. Focus should be improved.
2. Always move the focus wheels slowly, so you don't miss the plane of focus.
3. The Optigami is a biological microscope. Light passes through the specimen from the bottom. Therefore, anything thick or opaque will not work.
4. If you still cannot focus, you may not be turning the focus wheels slow enough.

To make custom slides with dry specimens:

1. Clean slides with a microfiber cloth to remove fingerprints and dust.
2. Place a few dry granules of your choice (salt, soil, a strand of hair, etc.) on blank slide.
3. Using included eye dropper, put one drop of water on top of specimen to hold in place. Gently place coverslip on top of specimen and let dry before viewing.

Important: Empty and dry eye dropper after each use.

To make custom slides with wet specimens:

1. Clean slides with a microfiber cloth to remove fingerprints and dust.
2. Sprinkle a drop of algae, pond, or dirty water, etc. on blank slide. and place coverslip on top of specimen. (Do not use supplied eye dropper.) No additional drop of water is needed. View immediately.

Replacing Batteries:

Remove base of microscope and unfasten tabs to expose battery compartment. Replace exhausted batteries with 2 fresh AA batteries in correct polarity. Fasten tabs and reattach base.

Note: Remove batteries before storing microscope for extended periods.