Get to know your telephoto lenses

By definition, a telephoto lens is one whose focal length is greater than that of a normal lens. The longer the focal length of the lens, the greater the degree of magnification. In fact, the magnification is mathematically related to focal length.



Photography

For example, a 100mm lens produces an image exactly twice that of a normal lens. A 400mm lens gives you an image size eight times your normal lens. As the lens lengthens, lengthens, some interest-

some interesting things
happen. The
lens angle of view becomes narrower and the depth-of-field
becomes shallower. A narrow

angle of view enables you to isolate a detail in a distant building or eliminate a cluttered foreground. A shallow depth-offeld is great for blurring distracting backgrounds so that attention is directed towards your subject such as an outdoor portrait.

By far, the most useful telephoto lenses are those with medium focal lengths...between 85mm and 200mm. Because they minimize facial distortion and allow a comfortable distance between photographer

and allow accomfortable distance between photographer and subject and experience and subject and subject and subject and subject and subject and subject subject subject and subject s

or prefer huge suns in your sun-set abots, then these and longer lenses may be for you. For the occasional "long reach", a tele-extender combined with your telephoto will work just fine. Remember, because the mag-nification of telephoto lenses accentuates the effect of camera movement, faster shutter.

movement, faster abutter speeds are required.

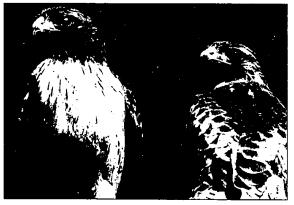
To obtain a sharp picture, the rule of thumb is to use a shutter speed closest to the focal length of the lens.

For a 135mm lens, handhold, with a 200mm lens, you should be at 1/250 second. If slower shutter speeds are needed because of low light or small aperture requirements, better get out your tripod.

So "reach out" to new and exciting photographic hori-

exciting photographic hori-zons...with telephoto lenses!

Monte Nagler is a fine art photogra-pher based in Farmington Hills. You can leave him a message by dialing



Be a "hawkeye" with your telephoto lens. Monte Nagler reached out and brought this pair of hawks in close with a 200mm lens.

(734)953-2047 on a touch tone phone. His fax number is (248) 644-1313.

Read The Observer for local news

CRAFT CALENDAR

Wayne County
St. Edith School: Crafters needed for
fourth annual show he'd 93 m.m. 4 pm.
Saturday, Nov. 9, at the school, 15089
Newburgh, Livonia, Call John at (1734)
462-6037 or Johann at (1734) 462-6037 or Johann at (1734) 462-6037 or Johann at (1734) 462-6037 or Johann at (1734) 462-603 parish is Jooking for crafters for its
19th annual craft show, 230 a.m. 230
pm., Saturday, Oct. 19th. For more information, or an application, call
(246) 477-8942 or (1734) 427-1457.
Deta Reppa Gamma Show: Crafters need for folia annual juried show at

West Middle School in Plymouth 9 a.m. to 4 p.m. Saturday, Oct. 19. Call Terri (734) 416-6165. Fall Testival: St. Damian Parish in

Fall festivati St. Damian Parish in Westfand looking for crafters for its fall show 9 a.m. to 3 p.m. Saturday, Oct. L2 for more information, or an appli-calion, call (734) 427-630. St. Robert Bellarmine Church Crafters wanted for annual Christmas Bazaar at St. Robert Bellarmine Church in Redford, Oct. 26, table rental 525, call Mancy call (313) 937-1741 and (313) 533-5255.



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