


ZÁZNAM MRAKŮ



The image is a composite. On the left, a hand holds a strip of photographs showing various cloud formations. Labels on the strip include 'DESCRIBITIVUS', 'CIRROCUMULUS', 'ALTO...', 'CUMULUS', and 'CUMULONIMBUS'. On the right, a wall displays several framed paintings of clouds in various styles and colors. In the center, a white diamond shape contains the text 'Jak mraky pozorovat? Třeba jako obraz v rámu.'.






Jak mraky pozorovat?
Třeba jako obraz v
rámu.

Co můžeme pozorovat?

Tvar



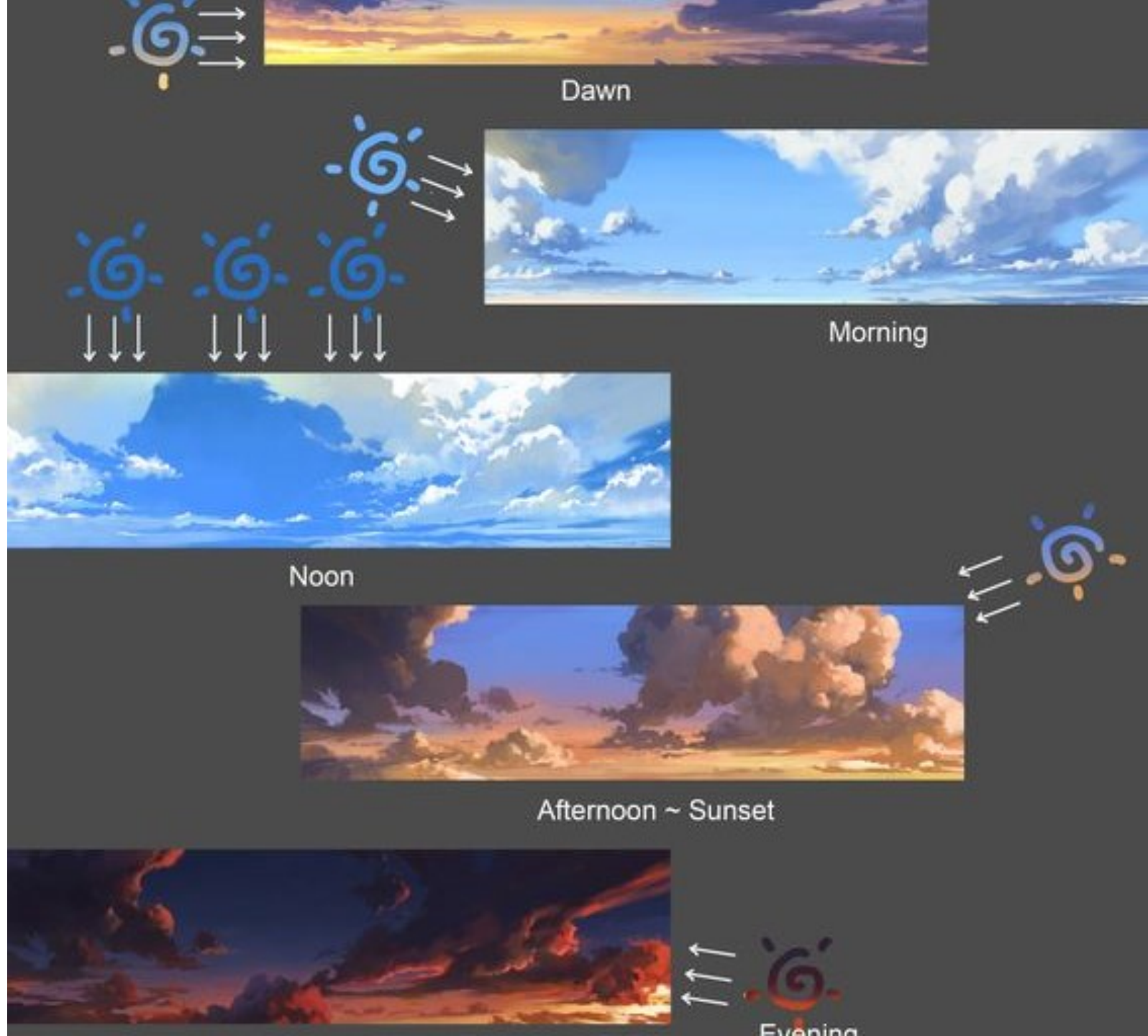
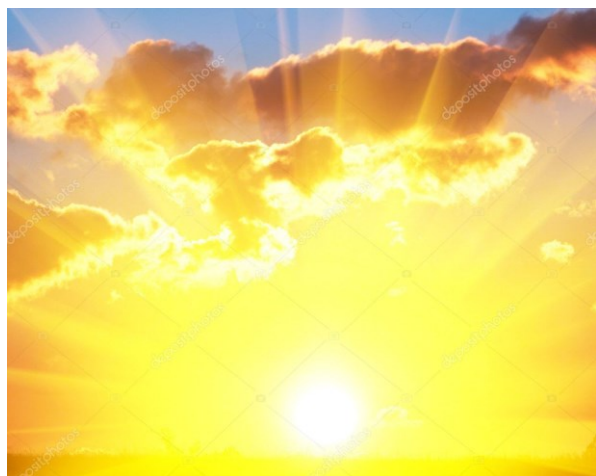
Kinds of Clouds

	cirrus	White, feathery, highest
	stratus	Wide blankets of gray, "high fogs" low
	stratocumulus	Gray, low in the sky, lumpy
	cumulus	Puffy, flat bottoms, low in the sky
	cumulonimbus	Thunderstorm clouds, look like mountains of very tall cumulus clouds

To ovšem musí být
oblačnost dostatečně
kupovitá!



A co takhle **světlo** –
z jakého směru
mraky osvětluje
slunce?





Světla a tvaru
nebes využívali
barokní malíři.



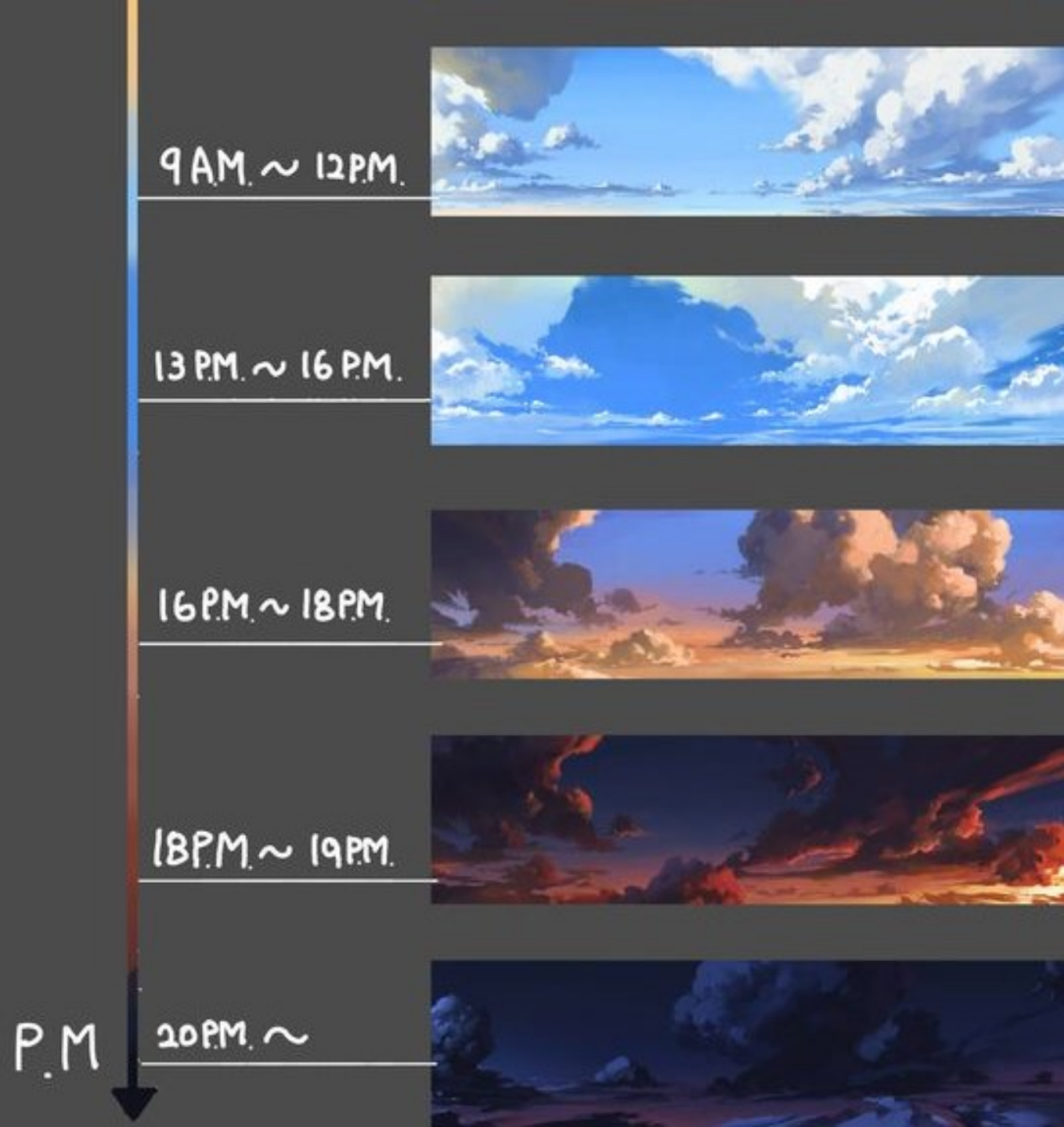


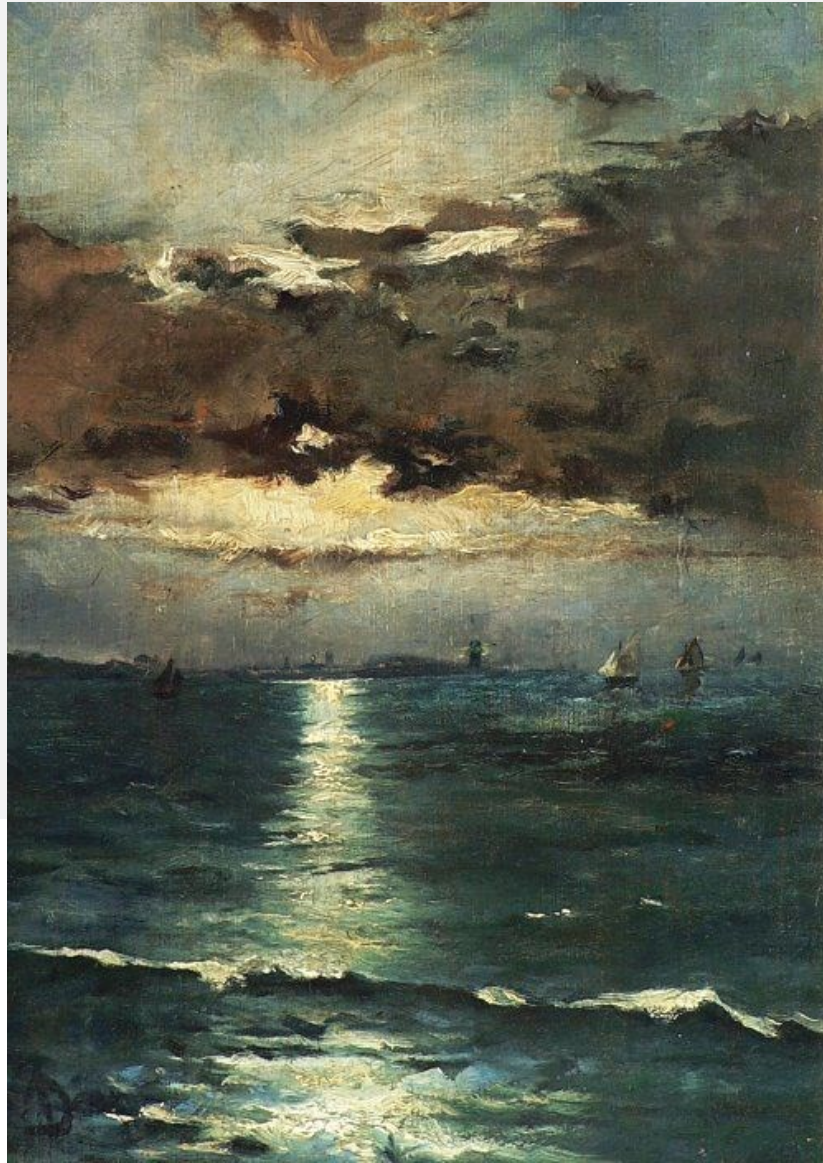
A co barva?





V každou denní dobu mohou být barvy jiné.





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Pozorování
nebe může být
velmi
dobrodružné!
To věděli malíři
v 19. století.

Tak šup do toho!

Vědecký

TYPES OF CLOUDS Anchor Chart

C L O U D S

Stratus  fill the sky are close to the ground may bring drizzle or light snow are gray	Cumulonimbus  are very tall are large are high up in the sky create thunder and lightning
Cirrus  are formed from ice crystals are wispy are the highest in the sky are thin	Cumulus  tell you that the weather is good can be white look like cotton are puffy

My little 1st graders

Umělecký

CLOUD STUDY



TOP LEFT: WE GET A HARD SHADOW
- ADD BRIGHTEST WHITE AT TOP
- SHOW DIRECTION BY SHADING PATHS AWAY FROM LIGHT SIDE
- SOFTEN & BLEND
- SEE HOW DISTANCE IS IT SHADING
- MORE SHADING AWAY FROM THE SUN, HIGHER THE SHADOW, MORE SHADING AT THE TOP OF SHADOWS

TOP RIGHT: STRATUS/CLOUDS
- MAKE DRAB & MUD-DY AS THE SKY CLOSER TO GROUND
- USE A LOT OF WHITE
- MAKE HIGHER PARTS OF CLOUDS MORE VIVID
- DOWNWARD SHADING TO GROUND IS KEY
- USE OF HORIZONTAL/VERTICAL BRUSHSTROKES
- MAKE "V" SHAPE

MIDDLE LEFT: BLUE-LIT CLOUDS
- HIGH IN SKY

MIDDLE RIGHT: SUNSET LIGHTING
- MAKE MORE ORANGE
- SHARPEN SIDES AWAY FROM TOP
- DARKER BOTTOM
- MAKE SHADING SOFT

BOTTOM LEFT: USE LIGHT & DARK BLUE
- USE A LITTLE SHADY FROM A VOLUME
- USE THE BLUE SIDE
- MAKE SOFT
- MAKE THE SHADING
- MAKE THE SHADING
- MAKE THE SHADING
- MAKE THE SHADING

BOTTOM RIGHT: MAKE SOFT & VIVID
- MAKE SOFT & VIVID
- MAKE SOFT & VIVID
- MAKE SOFT & VIVID

YOGI TOUHI

Tipy a nápady pro výzkumníky





Ať se daří!